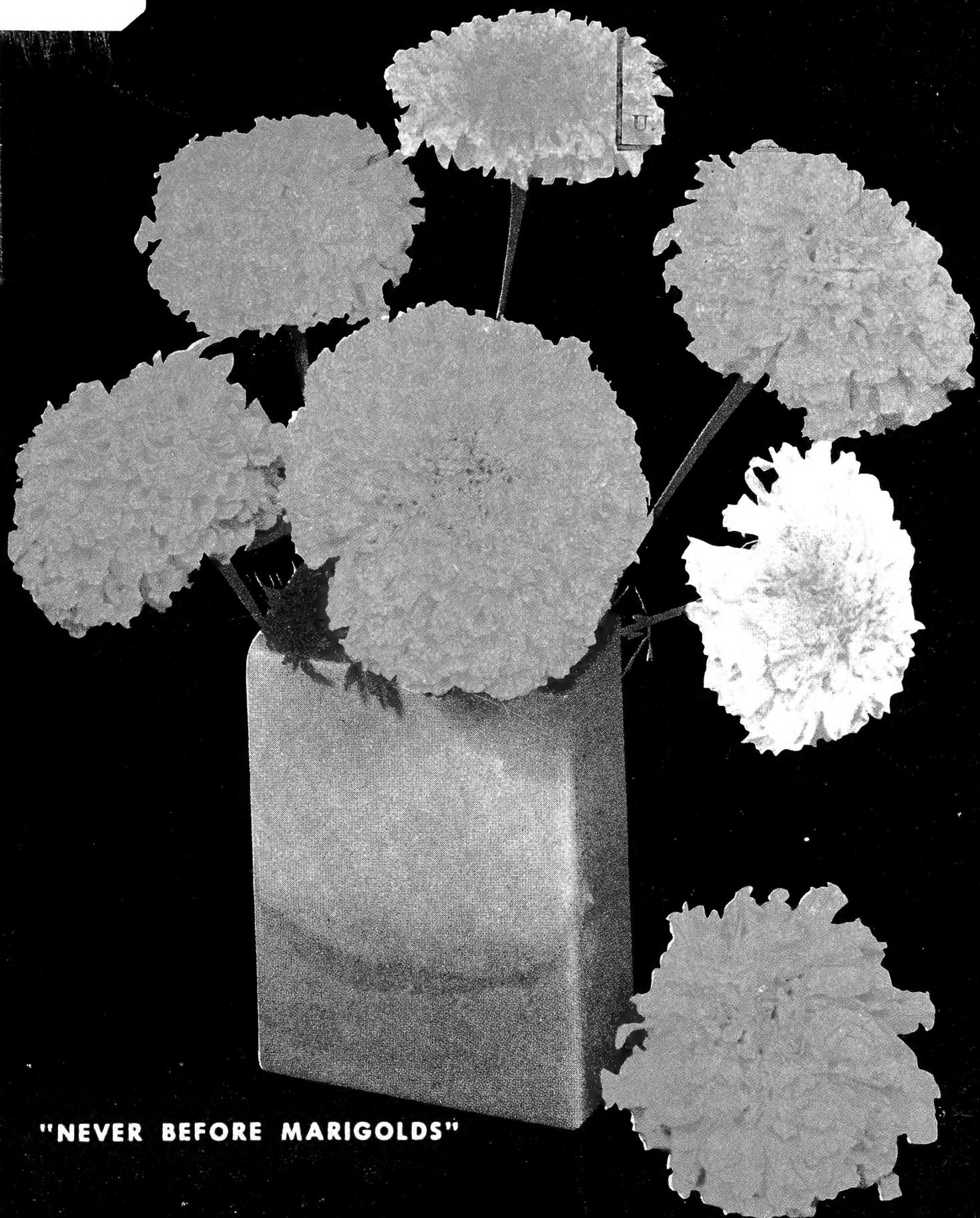


## **Historic, Archive Document**

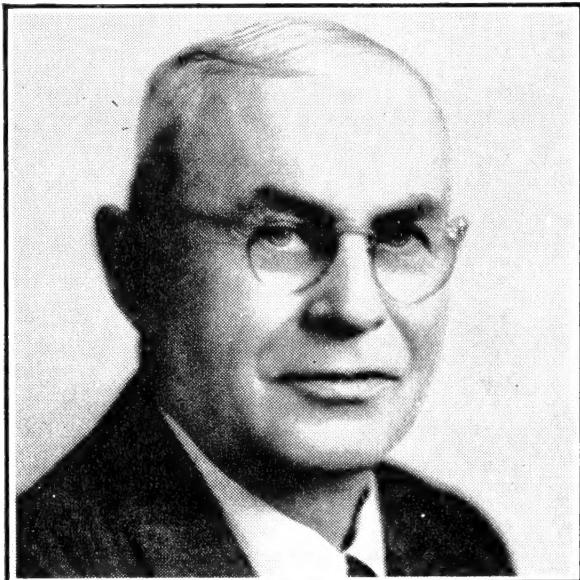
Do not assume content reflects current scientific knowledge, policies, or practices.





"NEVER BEFORE MARIGOLDS"

**GILL BROS. SEED CO.**  
1951



EDW. E. GILL



RAY W. GILL

## JUST A LITTLE CHAT WITH YOU

Forty-one years ago we started this business. That was a very small beginning—just a little four-page circular offering a few items we had originated. Today, we number our customers by the thousands all over the United States and Canada. From boyhood, on our father's farm, we grew up in market gardener farming and that experience enabled us to understand the needs and problems of the vegetable grower.

Having been market gardeners ourselves, it was quite natural for us to specialize in market gardener requirements. All of our seeds therefore are grown or purchased to meet the quality required by these gardeners. This is also a distinct advantage to home gardeners and farmers, for we supply them all from the same sources. We supply seeds to several thousand market gardeners. On our farms near Portland, Oregon, we continually strive to develop new varieties and to improve many of the standard sorts. We always endeavor to secure the best rather than the cheapest. Cheap seeds are generally dear at any price. Seeds are a very small part of the cost in growing a crop and it pays every grower, small or large, to buy the best.

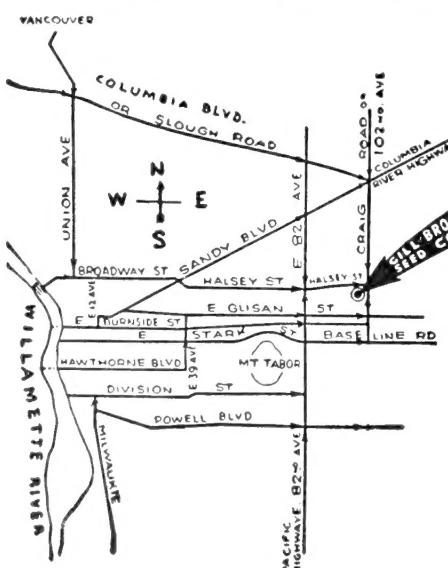
Our business is a partnership owned and controlled by Ray W. Gill and Edward E. Gill. We believe in giving good service as well as good seeds. However, there are seasonal rushes which sometimes cause delays. We suggest early orders and this will reduce the rush periods.

We will always strive to do our best; however, if you do have a complaint, please write and be assured of courteous treatment.

GILL BROS SEED CO.

## How to Reach the Farm

Retail salesrooms at warehouse and office.



Take Halsey Street bus to 92nd Avenue, then walk seven blocks east on Halsey to office.

By auto to 82nd Avenue or 102nd Avenue thence to Halsey Street.

Office and farm at 99th Avenue and Halsey (See diagram map).

Visitors are always welcome at our farm.

## Our Fall Catalog

Our Fall catalog of 32 pages was issued last September. It lists many items still available for early planting in January and February. If you did not receive our Fall catalog, we will be glad to mail you one. During the last five years we have issued a Fall catalog describing a very complete line of Fall bulbs and plants. We specialize in Oregon-grown Daffodils and we offer large, high quality Tulips and Hyacinths for Fall planting. We also have a very complete line of other flower bulbs.

We suggest that when you are in need of these items that you keep our bulbs in mind.

We send this Fall catalog to all our seed customers; however, if you did not receive one, please write us.

FORTY-FIRST ANNUAL CATALOG  
**GILL BROS. SEED COMPANY**

**DOWN TOWN SALES ROOM**  
827 S. W. 4th Ave. nr. Yamhill St.  
Portland 4, Oregon

**MONTAVILLA STA., PORTLAND 16, ORE.**  
Main Office, Farm and Retail Store  
N. E. 99th Ave. & Halsey St. - KENWOOD 7593

**SEATTLE STORE**  
1600 Pike Place  
SEneeca 0431

**Dear Customers and Readers:**

This is not a large, pretentious catalog, yet it brings you an honest message about seeds, bulbs, etc. The high quality of our goods is favorably known throughout the Northwest, besides which we have many customers throughout the nation. For years we have been introducing special strains of seed here from our own farms and many new varieties of our own origin are recognized as leaders by market gardeners.

We specialize in Northwest grown seeds and where these are not obtainable we procure the best without regard to cost from the world's best growers. Seeds grown in moderate summer and winter conditions of the Northwest have great vitality and vigor. Northwest grown seeds are indicated in this catalog with a star. If you have not tried our seeds, please give us a trial order. Many of the largest growers and associations in the Northwest depend on our goods. Order early, as some varieties are short.

Our catalog has been prepared with the desire to have it sensible and free from exaggeration. The cuts used are mostly made from photographs taken from samples grown by ourselves and are reasonable illustrations of the results obtained from our seeds. We are opposed to filling our catalog with a long list of worthless novelties and are confining our list to the fewest possible varieties, and introducing only those new sorts which have some added value over other introductions. Those who receive more than one copy of our catalog will confer a favor by handing it to someone interested.

Our files show us the names of all who have sent us an order within the last two years. To these we mail our catalog each year, and we also mail our catalog again to all who received our catalog the first time last season, regardless of whether they sent us an order or not. However, we will send catalogs free upon request. All members of a family, living together, should order under one name.

**WARRANTY**

We give no warranty, expressed or implied, as to the productiveness of any seeds or bulbs we sell and we will not be in any way responsible for the crop. Our liability in all instances is limited to the purchase price of the seed.

**HOW TO ORDER**

**Send all mail orders and correspondence to Montavilla Station, Portland 16, Oregon.**  
Order early, as there is a heavy demand on some stocks and they may be exhausted.

Remittance must accompany your order. Stamps are accepted up to \$1.00. Money Orders, Express Orders, Bank Drafts and Certified Checks are preferred, although other checks are accepted for collection. **Be sure to check your extensions and totals before mailing your orders.**

If your remittance should be short, we will send you in accordance with the amount paid and thus avoid delay. We can send Vegetable and Flower Seeds C.O.D., but please remember this costs you extra for C.O.D. charges.

Prices in this catalog marked "Not Prepaid" do not cover shipping expenses.

Except where noted (Not Prepaid) all prices are postpaid.

All prices up to and including one pound include shipping expenses and for more only when indicated. Give shipping instructions and write your name and address plainly on your order.

Write your correspondence on a separate sheet from your order. The seed season is a rush season.

**MISTAKES**

Like all human beings, we are apt to make mistakes in filling orders, and if an error occurs we will consider it a favor to be notified at once so that we can rectify the oversight.

If you have a complaint, tell us first. In the rush of spring business, mistakes may happen; if so, tell us pleasantly about it and be assured of courteous treatment.

**SUBSTITUTION**

IN VIEW OF THE FACT THAT SOME KINDS OF SEEDS ARE SHORT THIS YEAR, we would suggest that customers give as much as possible their permission for us to substitute the nearest variety to the one ordered in case we should be sold out. On items of small importance, or during the rush of planting season, when time is precious, we may send other sorts if out of the ones ordered, but such substitutions may be returned for credit if unsatisfactory to the purchaser.

**VEGETABLE SEED SUBJECT TO CHANGE IN EXTREME CASES**

Considering the many added costs of doing business our prices are reasonable. We hope to be able to maintain these prices, but they are subject to change in extreme cases.

**HELPFUL SUGGESTIONS**

We are always willing to offer any assistance in our power regarding culture, best varieties for your soil and market, etc. We will also be glad to consider any suggestions you may wish to make to us.

**SAVE MONEY BY PARCEL POST . . . PLEASE READ**

In ordering seeds in quantity you can save money by using our prices, marked "Not Prepaid" in this catalog. Simply add postage to these prices at the zone rate. In case you do not know the zone to Portland, just include extra and mark order "postage allowance." Please send sufficient. Many orders are short on postage, causing delays and added expense. Any overrun will be refunded to you. However, on very small amounts, we often send extra seeds with liberal allowances.

**PRACTICAL EXPERIENCE**

As market gardeners and the many tests we have made for years has given us a thorough knowledge of the varieties best suited for our climate, and aside from those varieties which we grow, has enabled us to secure our seed from the best sources. In that respect we differ from the average seed store where the experience is more from a selling standpoint.

**WE SPECIALIZE IN MARKET GARDENER TRADE**

Thousands of market gardeners all over the United States look to us for high-grade seeds. If you buy in large quantities, write us a list giving varieties and quantities and we will be glad to quote our quantity rates.

**SEED TESTS**

Our seeds are tested; all seeds on hand are tested before sending out and on those purchased during the rush season we secure the test from the seller.



PRESS OF RYDER PRINTING CO  
1027 S. W. Fifth Ave., Portland, Ore.

# VEGETABLES

## Artichoke

**LARGE GREEN GLOBE**—They stand considerable cold but should be mulched with straw against severe freezing. Plant three feet apart in the row and six feet between rows. The green buds are used. Start in hotbeds. They can be grown successfully in the Pacific Northwest. **Postpaid. Pkt. 20c; oz. 75c.**

**PLANTS — Postpaid. 40c each; 3 for \$1.10; doz. \$3.50.** Ready after March 1st.

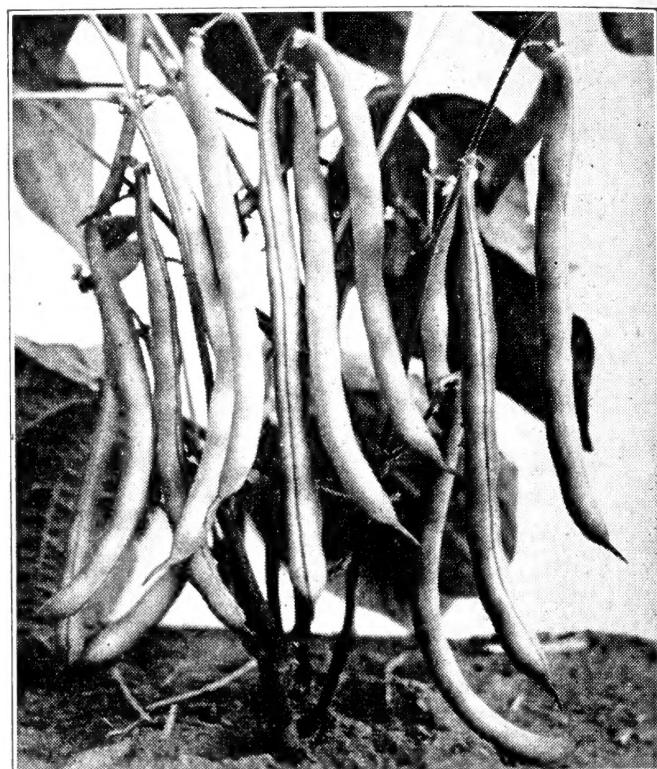
**\*JERUSALEM** — The tubers are used for stock feed and also in salads. **Postpaid. 2½ lbs. 50c. Not prepaid, 10 lbs. @ 10c lb.; 100 lbs. for \$6.00.**

## Asparagus Seed

**CULTURE**—The seed is of slow germination and should be planted early in the season. Plant roots in well drained soil about two feet apart in the row and 4 to 5 feet between rows. We offer free cultural directions.

**MARY WASHINGTON**—Heavy yielding with large green stalks of fine quality. Practically immune to rust and other diseases. We carry a special selected strain. **Postpaid. Pkt. 10c; oz. 25c; ¼ lb. 75c; lb. \$1.85. Not prepaid, 5 lbs. @ \$1.65 lb.**

**PARADISE**—This new variety has the same rich green color and delicious mild flavor as Mary Washington. It is very early, also resistant to rust and a much heavier yielder. **Postpaid. Pkt. 15c; oz. 50c; ¼ lb. \$1.25; lb. \$4.00.**



Beans, Longgreen

## Asparagus Roots

**MARY WASHINGTON**—No. 1. **Postpaid. Doz. 55c; 50 for \$1.60; 100 for \$2.50. Not prepaid, 1000 for \$14.00.**

**PARADISE**—No. 1. **Postpaid. Doz. 75c; 50 for \$1.90; 100 for \$2.75. Not prepaid, 1000 for \$15.00.**

## BUSH BEANS

**CULTURE**—Plant about May 1st for early beans, or as soon as the ground becomes warm, in rows 2½ to 3 feet apart except pole beans, 3½ to 4 feet. Cover from 1½ to 3 inches deep according to weather conditions. Large seeded beans require warmer weather to germinate than small beans. Never cultivate or hoe beans when the foliage is wet from dew or rains, as it will cause rust. Where beans have not previously been grown on the land it is valuable to use NITRAGIN. Our radio talk on beans sent free upon request. All white seeded beans need careful planting for early crops as they do not stand cold ground like colored beans. Early bush beans can be planted up to August 1st in the western parts of Pacific Coast states.

**PRICES — Unless noted at higher rates, are uniformly: Postpaid. Pkt. 10c; ½ lb. 30c; lb. 55c. For 4th zone and beyond, lb. 60c. Not prepaid, lb. 50c; 5 lbs. of one variety @ 45c lb.** Write for prices on larger quantities.

**\*GILL'S RELIABLE**—A pioneer bean found under various names throughout the Pacific Northwest. This strain has been grown in our family for over 60 years. A very popular bean with our customers. Remarkably hardy and prolific with very few superiors either as a green or dry bean. The small white seeds are also fine for baking. Green pods without fiber, meaty and fine flavored. In the older stages they need stringing. Outstanding for canning and freezing. **Pkt. 10c; ½ lb. 35c; lb. 60c. Postpaid.**

**\*SUPERGREEN** — All-America bronze winner. Pods 7 inches long, slim, smooth, dark green and stringless in all stages. Vine is 17 inches upright with fairly concentrated pod set. Compared to Tendergreen the pods are slightly longer and more slender. This bean is ideal for home use, canning or freezing.

**\*LONGGREEN**—A more vigorous grower and with pods one inch longer than Tendergreen. Heavier producer than Tendergreen and equal in quality. This fine variety supersedes all of the Tendergreen types. It is commanding great favor from both home and market gardeners. It is of highest quality and really stringless, when either young or old.

**TENDERGREEN**—See Longgreen.

## BUSH BEANS—Continued

**BACHICHA (Italian Bush Bean)**—This is one flat podded bush bean that is free from strings or fiber. A rich, mild flavored early bush bean with long, flat, green pods. A vigorous grower producing heavy yields. Here is a high quality bean sure to become very popular.

**KEYSTONIAN**—The long, round, straight, stringless, green pods of finest quality, make this new bean ideal for canning, freezing, shipping, market and home garden use. It is highly productive, hardy and vigorous. Pods 6 to 6½ inches long, free of fibre; rich, dark green color.

**TOPCROP (New)**—All-America gold medal winner 1950. Pods medium light green, round, straight to slightly curved, 5½ to 6 inches long, fairly smooth, stringless, with no fiber. Vigorous plants producing heavy crops maturing in about 50 days. Immune to bean mosaic. Recommended for home and market use, also for canning, freezing and shipping. **Pkt. 15c; ½ lb. 40c; lb. 70c. Postpaid.**

**\*IMPROVED BURPEE'S STRINGLESS GREEN POD**—One of the best early bush beans. The pods are green, of good length, entirely stringless, tender and brittle and remain so until nearly ripe. This brown-seeded bean is both early and hardy and one of the richest flavored beans of all. A popular market or garden bean and desirable for canning or freezing.

**\*STRINGLESS BLACK VALENTINE**—Very hardy; extremely early, withstanding cold, damp weather better than most sorts. Pods dark green, long, straight, stringless, and nearly round.

**RUBY DWARF HORTICULTURAL**—Large, flat shaped pods valuable for green snap or shell beans. Seed and pods striped and blotched with bright red. Extra fine quality.

## Wax Podded Bush Beans

**PRICES**—Uniformly, Postpaid. **Pkt. 10c; ½ lb. 35c; lb. 60c. For 4th zone and beyond, lb. 65c. Not prepaid, lb. 55c; 5 lbs. @ 50c per lb.**

**PUREGOLD WAX**—A new bean of rich pure gold color, the deepest yellow. Tremendously productive with pods 6 inches long and nearly straight. The quality is very good, being nearly stringless at full development. It is quite resistant to disease and is a splendid bean for market gardeners.

**\*PENCIL POD BLACK WAX**—Hardy and prolific and of finest quality. Pods bright waxy yellow, long and round and entirely free from strings. Desirable for home or market and very valuable for canning. Deep yellow pods.

**\*ROUND POD KIDNEY WAX or Brittle Wax**—Extra early; very vigorous and productive. Long, straight, round pods that are entirely stringless. One of the finest for canning and home use.

## POLE BEANS

**PRICES**—Unless noted at higher rates, are uniformly. Postpaid. **Pkt. 10c; ½ lb. 35c; lb. 60c. For 4th zone and beyond, lb. 65c. Not prepaid, lb. 55c; 5 lbs. of one variety @ 50c lb.** Write for prices on larger quantities.

**\*GILL'S DELICIOUS GIANT**—Every year this variety increases in popularity. In this cross between Oregon Giant and Kentucky Wonder, we originated a variety twice as productive as Oregon Giant, of better quality—and we believe the easiest bean of all to pick. The beans are produced in clusters of 4 to 6, the stems of which protrude outside of foliage. The pods are green, faintly striped with red lines which disappear when cooked. Ideal for the table or for canning or freezing, so do not fail to order this. They are very meaty, mild and stringless with pods often 10 inches long. Our sales now exceed the popular Oregon Giant for home gardens. Crop short. **Pkt. 10c; ½ lb. 40c; lb. 70c.**

**\*BLUE VICTOR**—A very popular bean. The pods are large, long and somewhat flat in shape. The meat is thick, of finest quality, and stringless. The pods are reddish purple but when cooked the color changes to light green. One of the finest high quality beans. You will like this. Crop short. **Pkt. 10c; ½ lb. 40c.**

**\*OREGON GIANT**—Giant pods a foot long; light green striped carmine. This wonderful bean is now sold by market gardeners at high prices. The quality is good even in the largest beans. Its giant size does not detract from its splendid quality. Pods thick meated, mild and free from fibre but the fully developed pods can be strung like the Kentucky Wonder. Pods a foot long and with large seeds developed are still good to use.

**\*BLUE LAKE STRINGLESS**—White seeded like the original Blue Lake, discontinued in favor of this better type. The pods differ from Blue Lake, being stringless at all stages, fully round, somewhat longer and of darker green color. White seeds, oval and small. Blue Lake beans are today rated as one of the finest commercial canned and frozen beans and this stringless type far excels the old strain.

**\*KENTUCKY WONDER**—A standard variety often called Asparagus Bean. It produces exceptional yields of long, green pods of fine quality. We carry a true strain from careful selection.

## POLE BEANS—Continued

**\*BRILLIANT HORTICULTURAL (Cranberry)**—This special stock has a much brighter stripe than the old strains. This type is becoming more popular each year. Two weeks earlier than the old strains. Pods green, streaked with red, changing lighter at shell stage with bright red stripes. Excellent used as a green snap bean or for shell or dry beans. Crop short. **Pkt. 10c; 1/2 lb. 40c; lb. 70c.**

**\*ITALIAN OR ROMAN**—An old favorite with Italian people. It can be used as a green snap bean or as a shell bean. In either case it is very high in quality. Large, flat pods of medium length. Green, stringless pods of attractive appearance. A vigorous pole bean producing heavy yields.

**STRINGLESS BLUE LAKE, BLACK SEEDED**—The pods are stringless; about 7 inches long, straight and round. Hardy and vigorous and a heavy producer of the finest quality beans. For home gardens it is ideal and produces heavier crops than the White Seeded Stringless. Ideal for market gardeners.

**\*WHITE SEDED KENTUCKY WONDER**—Many gardeners prefer this to Kentucky Wonder. Earlier, more productive, stringless and good quality.

**\*KENTUCKY WONDER WAX**—Vigorous and productive. Pods waxy yellow, large, stringless and of excellent quality. Best yellow pole bean.

**YARD LONG**—Vigorous vine 6' tall with rank, dark green foliage. Very slender pods, 18" to 26" long. Small seed of reddish brown. The pods are so long they are often sold in bunches. **Pkt. 15c; 1/2 lb. 40c.**

## Bush Lima Beans

**PRICES—Unless noted are uniformly: Postpaid. Pkt. 10c; 1/2 lb. 35c; lb. 60c.** For 4th zone and beyond, **lb. 65c.** Not prepaid, **lb. 55c; 5 lbs. of one variety @ 50c lb.** Write for prices on quantities.

**FORDHOOK No. 242**—Plants tall as regular Fordhook but with greater spreading habit. Pods slightly curved with thinner walls than Fordhook, containing 3 or 4 light green beans of same excellent quality. Yields good under conditions of high temperature. Dry beans, greenish cream and light green. Pods 3 1/2 inches long, 1 inch wide and 75 days to maturity.

**\*HENDERSON'S BUSH (Baby Lima)**—Early and heavily productive. Thrives in ordinary soil. Adapted for home use, canning and freezing. Early, small lima of high quality. **Pkt. 10c; 1/2 lb. 30c; lb. 55c.**

## BUSH LIMA BEANS—Continued

**IMPROVED BURPEE'S BUSH LIMA**—Large seeded; very productive. One of the best large types.

**CONCENTRATED FORDHOOK LIMA**—Potato Lima type. Plants large and very productive. The seeds are very large and flat and are ideal as butter limas or for use when ripe.

## Pole Limas

**PRICES—Unless noted are uniformly: Postpaid. Pkt. 15c; 1/2 lb. 35c; lb. 60c.** For 4th zone and beyond, **lb. 65c.** Not prepaid, **lb. 55c; 5 lbs. of one variety @ 50c lb.** Write for prices on quantities.

**CHRISTMAS LIMA** (See cut)—This unusual pole lima excels for quality and production. When cooked in either dry or green shell stage the seed turns to a pink-brown color and the stripe disappears. In the shell stage they are sweet as though they had been sugared lightly. In either dry or shell stage the skin is thin and tender. We have tested many lima varieties but none equals this for high quality and production so we believe it is the best for our Pacific Northwest states where cool summer nights usually prevail during the growing season. The seeds are very flat but quite large and every seed is white, striped with deep crimson as shown in the illustration. Vigorous vines 7 to 9 feet tall, foliage rather thin and of medium size. Pods 5 to 5 1/2 inches long and about one inch wide, usually carrying 3 beans to the pod. We urge our home garden customers to try this grand lima. Commercial gardeners who contact their customers at roadside stands or public markets should introduce it to their trade.

**KING OF THE GARDEN**—A large, flat lima of great vigor and heavy production. Seed white in dry stage but creamy green in shell condition. This variety also produces well in the Pacific Northwest. A splendid sort for canning or freezing. Vines 7 to 9 feet, pods 5 1/2 to 6 inches long with 4 to 5 thick, flat seeds.

**OREGON LIMA (White Seeded Runner)**—A large pole lima, extra early and suited for Pacific Northwest culture. It ripens in about 75 days from planting. Excellent used as a shell bean or stored dry for winter use. Extra large, plump, pure white seed. In the milder climates it often lives through the winter and produces a crop the second year. **Pkt. 10c; 1/2 lb. 30c; lb. 55c. Postpaid.**

### Printed Radio Garden Talks

We can mail you a complete set of 15 Radio Garden Talks made in 1950. These are free upon request.

## Soy Beans, Edible

**KABOTT**—A new, extra early variety that will mature even in sections with short seasons. Fine quality. This new variety insures full ripening of the seed in the Pacific Northwest. After testing several of the earlier varieties, we consider this the best for the Pacific Northwest states or any of the Northern states where earliness is an important factor. **Postpaid. Pkt. 15c; 1/2 lb. 35c; lb. 65c.**

## Garbanza

This plant is well known in Mexico and Southern California and it will do well in northern climates. Often called "Coffee Bean," "Chick Pea" and "Acorn Pea." Dwarf bushy plants, about one foot high, with round, puffy pods containing 2 to 3 large seeds. These are used when ripe much like beans for baking or boiling. Very nutritious, running high in protein. **Postpaid. Pkt. 10c; 1/2 lb. 30c; lb. 55c.**

## Baking Beans

**PRICES**—Unless noted: **Postpaid. Pkt. 10c; 1/2 lb. 25c; lb. 45c.** For 4th zone and beyond, **lb. 50c.** **Not prepaid, lb. 40c; 10 lbs. of one variety @ 35c lb.**

**MICHELITE PEA BEANS**—Small, pure white seed of rounded shape. It is early and ripens evenly. It produces heavily and is much better than Navy beans where seasons are short for ripening or curing. Earliest strain of commercial small white beans.

**\*GREAT NORTHERN**—White beans, larger than Navy. Hardy, early and heavy yielding. Similar to Lady Washington.

**\*DARK RED KIDNEY**—Easily grown. Excellent quality. Large red beans for baking. An early maturing prolific sort.

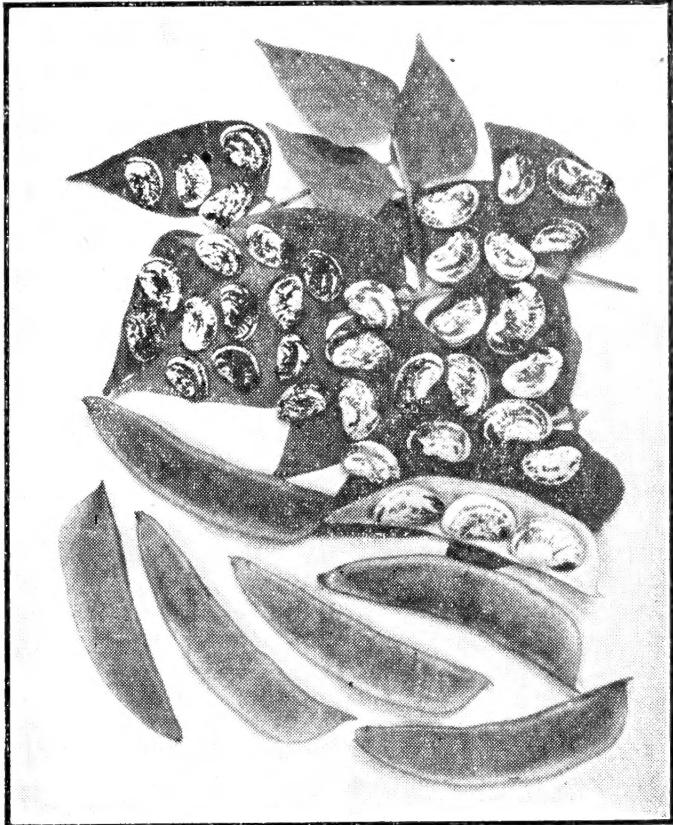
## Broad Windsor

**MAMMOTH LONG PODDED**—The English Broad Beans or sometimes called "Horse Beans." Near the coast these can be planted in the fall. Generally planted very early in the spring. Green shell beans, large, broad, flat and light green. **Postpaid. Pkt. 10c; 1/2 lb. 30c; lb. 50c.**

## Sugar Beet

**KLEIN WANZLEBEN**—The best for making sugar. It is also valuable for feeding purposes. **Pkt. 10c; oz. 20c; 1/4 lb. 45c; lb. \$1.50.**

Northwest grown seeds are indicated in this catalog with a star (\*). Quality, not price, is the first consideration in buying seed. Considering quality, our prices are reasonable.



Lima Beans, Christmas

## Swiss Chard

**RHUBARB CHARD**—Large, wide and tall leaves with fairly large ribs of deep crimson color. Foliage heavily toned red with purple tints. Very productive and of rapid growth. Brilliant foliage of high quality. Many home gardeners have rated this as the best of Swiss Chards. **Postpaid. Pkt. 15c; oz. 40c; 1/4 lb. 95c.**

**FORDHOOK GIANT**—Larger, darker green with more crinkled leaves than Lucullus. Stalks white. Outstanding for size and quality. **Postpaid. Pkt. 10c; oz. 30c; 1/4 lb. 70c; lb. \$1.60.**

**LUCULLUS**—Grows about two and a half feet high. The heavy stalks are over an inch wide and bare for more than a foot of their length. Can be served as you would asparagus. The leaves make very fine greens. **Postpaid. Pkt. 10c; oz. 30c; 1/4 lb. 70c; lb. \$1.60.**

## Cardoon

**LARGE SMOOTH**—A perennial winter vegetable grown for the fleshy leaf stalks which are bleached like celery. Used for salads or in soups. **Postpaid. Pkt. 15c; oz. 45c; 1/4 lb. \$1.25.**

## RADIO TALKS

Radio talks by Ray W. Gill will begin about February 1 on 20 or more stations in Oregon, Washington, Idaho, Northern California, Western Montana, also in Salt Lake and Denver. Please check your station programs. Send for list of radio stations.

# TABLE BEETS

**CULTURE**—Plant in rows 2 to 2½ feet apart, with drill, April 1 to July 15. Thin to 3 or 4 inches apart for table beets and 8 to 12 inches for mangels. For winter beets the latest sowing is best.

**PRICES**—Unless noted are uniformly: Postpaid. Pkt. 10c; oz. 30c; ¼ lb. 70c; lb. \$1.75.

**\*GARDENER'S MODEL**—This outstanding beet was developed here on our own farms. For over 30 years we have been selecting this strain. Every year an increasing number of home and market gardeners favor this beet. It has great uniformity. The interior color is much darker due to our selections. A splendid all around table beet for home or market. It is extremely early, of smooth, uniform shape. The flesh is dark red, entirely free from strings or core and unusually sweet. The tops stand tall and erect. Valuable for both greens and roots. This variety will stand longer than any and still keep tender. Generally immune to curly top disease. Very popular with market gardeners in many sections, especially for early bunching. Seed of our own growing. Postpaid. Pkt. 10c; oz. 35c; ¼ lb. 90c; lb. \$2.35.

**PERFECTED DETROIT**—This produces taller tops than Detroit Dark Red with roots of more flattened turnip shape. On account of its nearly zoneless deep blood red flesh, it is popular for home and commercial canning.

**DETROIT DARK RED**—Splendid for market or home gardens and popular with canneries. Roots nearly round, very uniform and of medium size; flesh tender and blood red. We carry an extra select strain. Splendid for canning and the outstanding beet for deep red color.

**CROSBY EGYPTIAN**—Our special stock is ideal for market gardeners. Flat-globe or turnip shaped beets with small tap roots and dark red skins. Flesh purplish red with lighter zones. Matures quite early. Smooth beets free from side roots.

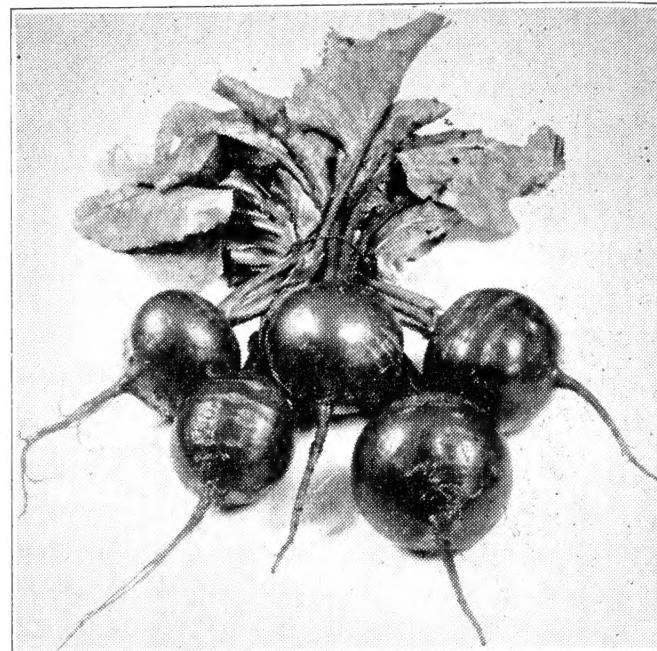
**EARLY WONDER**—Deep blood red, nearly globe shaped, with small, clean tap roots and small erect tops. One of the earliest and most uniform bunching beets that can be grown and also very fine for late planting. They mature very evenly.

**EXTRA EARLY EGYPTIAN**—The earliest; rather flat roots of fine quality.

**GREEN TOP BUNCHING**—Greenish red tops, ideal for beet greens, also fine for bunching. Deep red flesh.

## Corn Salad

Used in Spring or Winter salads but usually mixed with more piquant herbs. May also be cooked like Spinach. Pkt. 10c; ½ oz. 40c; oz. 75c; ¼ lb. \$2.00.



Beet, Gardener's Model

## Mangel Beets

**PRICES ON MANGELS UNIFORMLY:**  
Postpaid. Pkt. 10c; oz. 25c; ¼ lb. 60c; lb. \$1.50.

**DANISH SLUDSTRUP**—Long, reddish-yellow; grows well above the ground. A giant in size and one of the most popular Mangels.

**GIANT HALF SUGAR**—Cross between a mangel and sugar beet. Flesh white and exceedingly rich.

**MAMMOTH LONG RED**—Selected strain. Very heavy cropper.

**GIANT YELLOW ECKENDORF**—Giant, smooth, long roots of cylindrical shape, weighing up to 20 pounds each and growing two-thirds above ground. Solid white flesh with high food value.

## Chicory

**LARGE ROOTED**—Chicory does well in this climate and is an excellent substitute for coffee. Plant like carrots. Postpaid. Pkt. 10c; oz. 60c; ¼ lb. \$1.75.

**WITLOOF or FRENCH ENDIVE**—The roots are transplanted and the shoots are bleached for winter use as a salad. Postpaid. Pkt. 10c; oz. 60c; ¼ lb. \$1.75.

## Cress

**FINE CURLED (PEPPER GRASS)**—Grows quickly from seed. Sow thinly in drills. Should be planted at intervals as it runs to seed quickly. Postpaid. Pkt. 10c; oz. 45c; ¼ lb. \$1.00.

**WATER CRESS**—Perennial aquatic plants. Small, thick leaves with pungent flavor for salads and garnishing. Pkt. 15c; ¼ oz. 40c; oz. \$1.40.

# CABBAGE

**CULTURE**—Early varieties should be sown in the open ground in early September or in cold frame in January or February. We do not recommend sowing in hotbeds, as plants will be too tender. For earliest cabbage, transplant fall sown plants in late October or early November. For late, sow seed in open ground May 1st, transplant June 15th for fall, and July 1st to August 1st for winter cabbage, in rows 3½ feet apart, from 25 to 36 inches in the row, according to the richness of the soil, size and variety. Do not crowd them. They do best in rich, loamy soil, fertilized with barnyard manure of any kind and any good well-balanced commercial fertilizer. Early Jersey Wakefield, Large Wakefield. All Head Early, Danish Ballhead and Oregon Ballhead can be sown in the fall for spring and summer cutting. They seldom run to seed. Golden Acre, Copenhagen Market and Glory of Enkhuizen will not winter over without running to seed.

**PRICES—Unless noted: Postpaid. Pkt. 10c; ½ oz. 35c; oz. 65c; ¼ lb. \$1.60; lb. \$4.65.**

**\*GILL'S OREGON BALLHEAD**—The acknowledged leader in the Pacific Northwest for a main crop winter cabbage. We have developed this strain until it excels all others for solidity, resistance to aphis and freeze injury. It is the best cabbage for crating or general market purposes. The outer leaves are deep green and will hold their color weeks after cutting. It is the best keeper of all. The outstanding commercial cabbage and the most popular winter sort. We believe this is the most persistent heading of any winter cabbage. Often when planted too late in the summer for full maturity the heads develop hard and ready for market in February or March. Seed of our own growing. **Postpaid. Pkt. 10c; ½ oz. 40c; oz. 70c; ¼ lb. \$1.75; lb. \$5.00.**

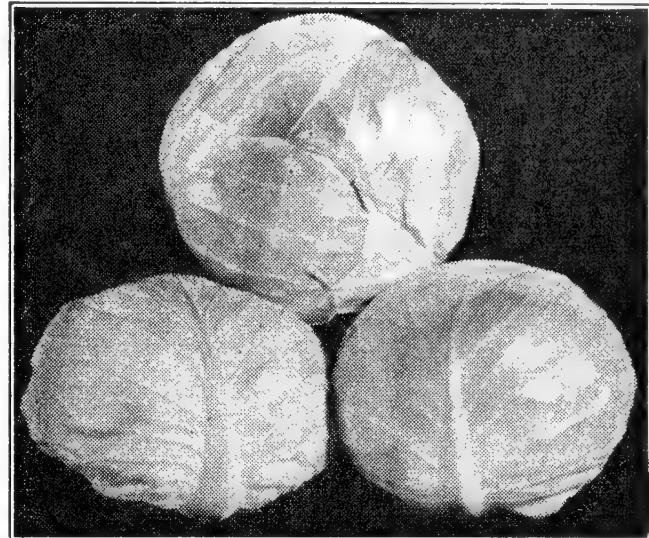
**SIEDL BALLHEAD (See back cover)**—Small, solid heads weighing about 3 to 4 lbs. Stems short with round, uniform heads. Valuable for crating and local sales where small solid heads are in demand. This splendid cabbage has made a hit with market gardeners. The seed is in short supply. Order early. It is earlier than Oregon Ballhead. **Pkt. 15c; ½ oz. 45c; oz. 80c; ¼ lb. \$2.00; lb. \$6.00. Postpaid.**

**\*PORTLAND ROUNDHEAD**—Developed by a local gardener. Heads larger than Danish Ballhead and Oregon Ballhead. Valuable for late summer markets and for kraut in the fall. A very popular sort for these purposes. Heads rounded in shape and very solid. **Postpaid. Pkt. 10c; ½ oz. 40c; oz. 70c; ¼ lb. \$1.75; lb. \$5.00.**

**EXTRA EARLY EXPRESS**—The earliest cabbage, with small pointed heads. It can be sown in the fall. Heads not as solid as Early Jersey Wakefield but earlier. **Postpaid. Pkt. 10c; ½ oz. 40c; oz. 70c; ¼ lb. \$1.75; lb. \$5.00.**

**\*DANISH BALLHEAD (Short Stem)**—This is the regular Ballhead type so long imported from Denmark. Somewhat earlier than Oregon Ballhead. This is a fine strain of Danish Ballhead of our own growing. Medium sized head, very solid and of good quality.

**COPENHAGEN MARKET**—Good sized, round heads, maturing with Large Wakefield, usually weighing 5 to 6 lbs. **Postpaid. Pkt. 10c; ½ oz. 40c; oz. 70c; ¼ lb. \$1.75; lb. \$5.00.**



Cabbage, Gill's Oregon Ballhead

**DANISH ROUNDHEAD**—Somewhat larger than Danish Ballhead. Valuable for kraut and for planting in the Spring for Summer cutting. Imported seed. **Postpaid. Pkt. 10c; ½ oz. 40c; oz. 70c; ¼ lb. \$1.75; lb. \$5.00.**

**EARLY JERSEY WAKEFIELD**—This is still very valuable for the earliest crop of hardy cabbage. We have secured a special strain with solid heads and few outside leaves. It also matured the earliest of some twenty strains we tested. Valuable to sow in the fall for transplanting in the early spring. In some sections this variety is sown for greens like collards. Use before the heads form.

**GLORY OF ENKHUIZEN**—The best variety for summer or early fall crops, for its tendency is to produce large heads even in dry weather. It can also be used for early spring crops. It is not satisfactory as a winter cabbage. Tender and sweet.

**ALL HEAD EARLY**—A second early, flat headed sort, very sure heading and little subject to bursting. Extra fine for kraut. Very desirable for fall.

**GOLDEN ACRE**—An extra early round-headed fine quality cabbage, maturing with Early Jersey Wakefield. The heads are firm with few outer leaves and average about four pounds. **Pkt. 10c; ½ oz. 40c; oz. 70c; ¼ lb. \$1.75; lb. \$5.00.**

**AMERICAN SAVOY**—The best main crop Savoy cabbage; quite firm, large heads with curly foliage.

## CABBAGE—Continued

**GREEN ACRE**—The type and general characteristics are the same as Golden Acre but it holds its green color longer. Valuable for shippers. **Pkt. 10c; 1/2 oz. 35c; oz. 70c; 1/4 lb. \$1.75; lb. \$5.00.**

**ROUND RED DUTCH or RED ACRE**—Heads round, solid; about 6 inches in diameter, weighing 3 to 5 pounds. Deep red and a good shipper. Early, maturing in 80 days. **Pkt. 10c; 1/2 oz. 45c; oz. 80c; 1/4 lb. \$2.00; lb. \$6.00.**

**\*RED STONEHEAD**—Very solid heads of ballhead type. Deep red and of high quality. An extra fine winter cabbage. **Pkt. 10c; 1/2 oz. 40c; oz. 70c; 1/4 lb. \$1.75; lb. \$5.00.**

**PENN STATE BALLHEAD**—Largest of the ballhead types. Short stems and a late variety desirable for winter storage. We carry a very fine strain of this variety in seed of our own growing.

**WINTER KEEPER**—A splendid ballhead type ideal for late crops and winter storage. Solid heads of medium size with medium green foliage. **Pkt. 15c; 1/2 oz. 45c; oz. 80c; 1/4 lb. \$2.00; lb. \$6.00.**

## Celtuce

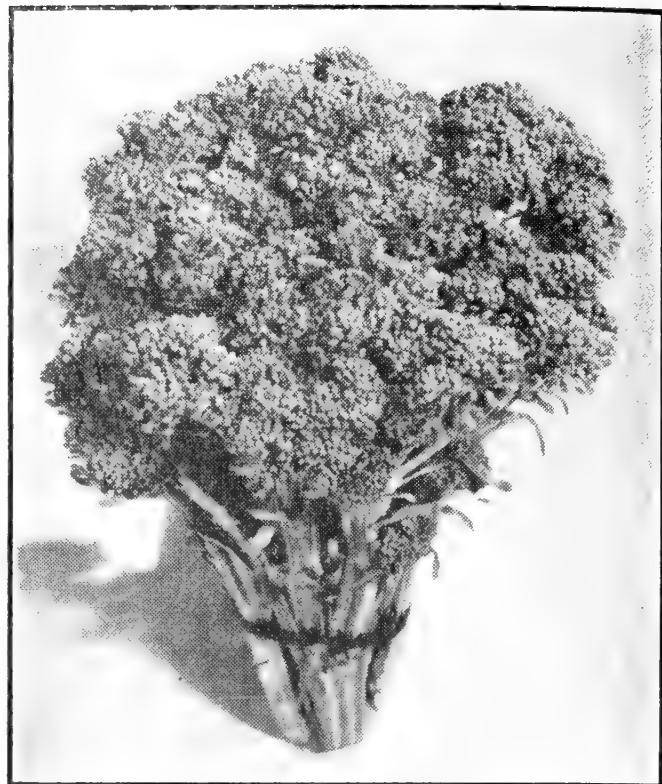
A vigorous growing new vegetable for salad and greens. Plant early in the spring or in mid-August. The leaves and young seed stalks are used for salad or greens. It is also an exceptionally fine plant for poultry feeding. It makes a very heavy crop even in warm weather. Plant the seed where it is to grow, thinning to one foot apart. **Postpaid. Pkt. 10c; 1/4 oz. 35c; oz. \$1.00; 1/4 lb. \$3.00.**

## Chinese Cabbage

**WONG BOK PAOTING**—A delicious vegetable from China, excellent for salads and cole slaw, and is sometimes used like Swiss Chard. The stems can be used like celery. Plant seed in fall as it will go to seed when planted in spring. Thin to 18 inches apart. Use plenty of good complete fertilizer to secure a quick, strong growth. **Postpaid. Pkt. 10c; oz. 35c; 1/4 lb. \$1.10; lb. \$3.75.**

**MICHIHLI**—A newer variety, exceptionally sure heading and a great improvement over Chihli type. Foliage dark green; heads 4 inches thick, 18-20 inches tall, tapered near tip, well branched, crisp and tender. Prices same as Paoting above.

**TRANSPLANTED SPECIAL SELECTION**—A carefully selected strain producing very uniform, solid heads of medium height. A special development from the Paoting type. **Pkt. 15c; 1/2 oz. 50c; oz. 90c; 1/4 lb. \$2.25; lb. \$7.00.**



Green Broccoli, Medium Calabrese

## GREEN BROCCOLI

A valuable Italian vegetable forming heads of deep green, just about the same color as the foliage. After the main head is cut, smaller heads branch out below. It is very tender, nutritious and delicious, and can be raised like cabbage. Plant the seed June 1st to 20th and transplant July 15th to August 10th, in the same manner as other cauliflower or broccoli. It is very hardy and is not injured by light or white frost, so needs no protection. Do not attempt to grow this for summer use except near the coast. It can be planted from seed in rows 3 feet apart and thin to 12 inches in the row. In this case plant the seed about July 1st.

**MEDIUM CALABRESE**—This middle season variety is mostly planted for commercial crops. Dark green heads of finest quality. We carry a fine type and sell large quantities to processors and market gardeners. **Postpaid. Pkt. 10c; 1/2 oz. 35c; oz. 60c; 1/4 lb. \$1.50; lb. \$3.50.**

**EARLY STRAIN**—A splendid early sort producing large compact heads ready for market in about 70 days from planting of the seed in the open. This can be planted later than the other later varieties and is useful for those regions near the ocean for summer cutting. **Pkt. 10c; 1/2 oz. 35c; oz. 60c; 1/4 lb. \$1.50; lb. \$4.00.**

## Dill

**MAMMOTH**—Easy to grow for flavoring pickles. **Postpaid. Pkt. 10c; oz. 20c; 1/4 lb. 40c; lb. \$1.00.**

## FLOWER SEEDS

We have a very complete flower seed list. Annuals and Perennials are listed separately. Annual Flower Seeds begin Page 33. Perennial Flower Seeds begin Page 45. We publish a special price list for Florists, which may be had upon request. Please give year license number.

# CAULIFLOWER

**CULTURE**—For early cauliflower, start in cold frames. For fall cutting, Green Broccoli and all Snowball types should be planted June 1st to 20th and transplanted July 15th to August 10th. Late Cauliflower and winter Cauliflower can be planted the first week in May, transplanted July 1st to 25th. For Winter Cauliflower plant the first week in May, transplanting July 20th to August 10th. Cauliflower and Broccoli do best in a rich, loamy soil, not a cold, wet location. Plant 2½ to 3 feet in rows and 3½ feet between rows. Before the heads are large enough to be exposed to the light, tie or break the leaves carefully over the head to keep out the light. Great care should be used in growing plants of any of the Snowball type that they receive no severe check in their growth, as this will cause them to produce premature heads.

## Snowball Types

**PRICES**—Uniformly unless noted. Postpaid. Pkt. 15c; ¼ oz. 75c; oz. \$2.85; ¼ lb. \$8.00; lb. \$25.00.

**HELIOS**—Rated as especially good for summer cutting. Large, solid, snowwhite heads with good foliage covering. Pkt. 20c; ¼ oz. \$1.00; oz. \$3.00; ¼ lb. \$9.00; lb. \$25.00. Postpaid.

**SUPER SNOWBALL**—An outstanding early variety producing heads of uniform size, shape and type. The heads are almost round with pure white, smooth curd. Tall foliage protects the heads. A favorite for early crops.

**SNOWBALL No. 16**—Early and produces large, thick, solid, white heads. Stands up well under rather unfavorable weather conditions. One of the best shipping varieties and ideal for canning or freezing. Good for summer or fall cutting.

**SNOWDRIFT**—This fine strain matures with great evenness. The pure white heads are remarkable for their great depth and unexcelled white color. The curd is of fine texture and quite resistant to riceiness and fuzziness. The large, solid heads are well protected by the foliage.

## Late Cauliflower

**NOVEMBER - DECEMBER**—An improved Veitches Autumn Giant. Requires a long growing season. Especially suited to Pacific Coast states. This makes large solid heads of finest quality. For inexperienced growers this is the easiest to grow. Plants grow rather tall with long heavy ribbed leaves. It does not make premature or "fool heads." See cultural directions above. Postpaid. Pkt. 15c; ½ oz. \$1.00; oz. \$1.75; ¼ lb. \$5.00; lb. \$15.00.

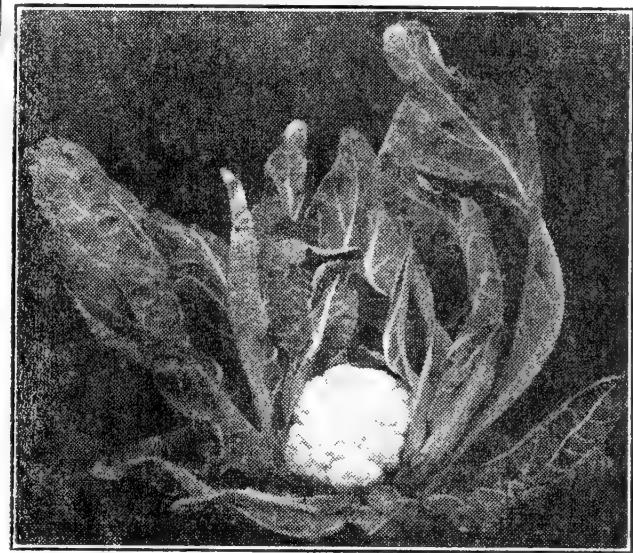
**PURPLE CAULIFLOWER (Sometimes called Purple Broccoli)**—Beautiful purple head that cooks a light green. Plant same as November-December variety. The sweetest, most tender of all cauliflower types. Postpaid. Pkt. 15c; ¼ oz. \$1.25; oz. \$3.50.

## Endive

Culture similar to lettuce. The outer leaves should be tied over the head to bleach.

**LARGE GREEN CURLED**—One of the best sorts. Postpaid. Pkt. 10c; oz. 35c; ¼ lb. 95c; lb. \$2.50.

**BATAVIAN BROAD LEAVED**—Frequently called Escarolle. Postpaid. Pkt. 10c; oz. 35c; ¼ lb. 95c; lb. \$2.50.



Cauliflower, Snowball No. 16

## Winter Cauliflower

(or Cauliflower Broccoli)

Due to confusion with green Broccoli we will list this according to the above. This type of Cauliflower is adapted to the West Coast and Southern States. They are usually killed by winter cold lower than 15 degrees above zero.

**LATE MARCH**—A little later than St. Valentine Oregon Special, and is popular in California. Pkt. 15c; ½ oz. \$1.00; oz. \$1.75; ¼ lb. \$5.00; lb. \$15.00. Postpaid.

**\*ST. VALENTINE OREGON SPECIAL**—The best sort for spring shipment; the solid white heads being of immense size and ready in February and March.

This special stock is well typed. Much seed offered is inferior, but you will find this strain well developed for commercial crops. Thirty years of selection, beginning with St. Valentine, has resulted in an outstanding type for market. Our selection gives excellent leaf protection for the heads. Selected seed of our own growing. Postpaid. Pkt. 15c; ¼ oz. 55c; oz. \$1.75; ¼ lb. \$5.00; lb. \$15.00.

**APRIL**—Another fine variety of spring heading, white cauliflower. In Western Oregon transplant about Aug. 1st to 20th. The later maturity makes a good succession to follow St. Valentine Oregon Special and late March. Pkt. 15c; ½ oz. \$1.00; oz. \$1.75; ¼ lb. \$5.00; lb. \$15.00. Postpaid.

We specialize in high grade cauliflower seed. We believe we can give you good satisfaction. Please try our seeds.

## Brussels Sprouts

**\*CATSKILL**—After growing this outstanding new Brussels Sprouts we consider it the best variety we have ever grown. Plants of medium size producing an immense crop of solid, dark green sprouts set close together. The sprouts are larger than most sorts and very heavy. The best for home gardens or market gardens. Matures quite early. Seed of our own growing. **Postpaid.** **Pkt. 15c; 1/2 oz. \$1.00; oz. \$1.85; 1/4 lb. \$6.00; lb. \$17.50.**

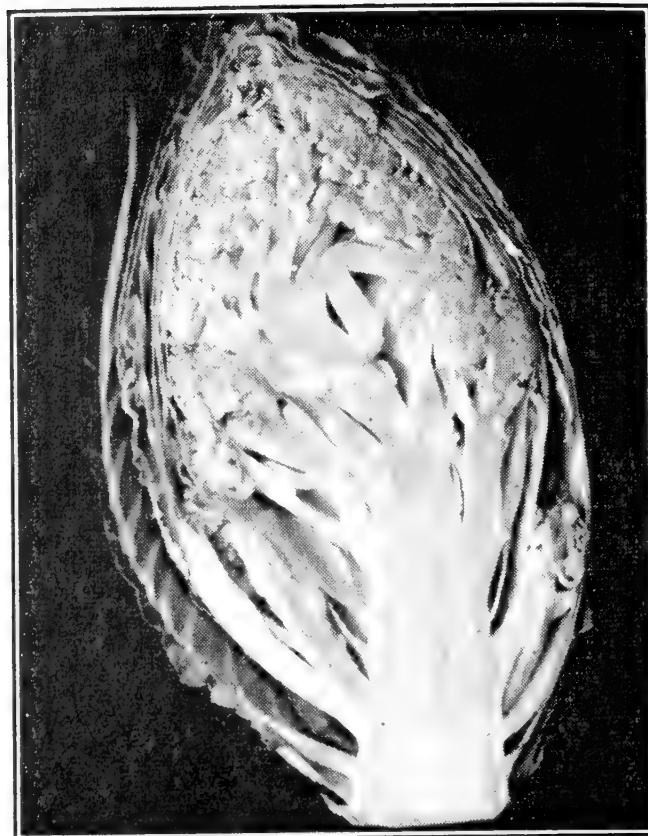
**\*OREGON SPECIAL**—A special selection by an Oregon gardener. Hard heads of dark green color. One of our best varieties. **Postpaid. Pkt. 10c; 1/2 oz. 40c; oz. 65c; 1/4 lb. \$2.00; lb. \$6.00.**

**KONDO SPECIAL**—A well selected variety of medium height and deep green, solid heads. This is very popular with local gardeners. A splendid commercial variety. **Pkt. 10c; 1/2 oz. 55c; oz. \$1.00; 1/4 lb. \$3.00; lb. \$9.00.**

**LONG ISLAND IMPROVED**—Grows 2 feet tall, thick set with solid sprouts about 1½" in diameter; dark green and of fine quality. **Pkt. 10c; 1/2 oz. 40c; oz. 65c; 1/4 lb. \$1.75; lb. \$5.00.**

## Caulicab

After years of selection we originated and offered this entirely new type of vegetable in 1949. It is the beginning of a new race. When planted in the spring along with the first early cabbage it matures solid heads in the early fall. When grown this way it is distinguished by the large ribs running nearly to the top of the heads and clear through the heads. When planted in the late summer they head the next spring, then the mature heads have an outer layer of cabbage like leaves, but with the main part of the head filled with tightly folded sprouts and buds of amber color. In either case they are very tender and sweet and ideal for raw salads or cooking. It is a cross between cabbage and winter cauliflower. The flavor is different from either and is very mild. The cross includes St. Valentine spring cauliflower and results in the most vigorous growth. Plants often stand 3 feet tall with large, long leaves, inclined to curl and twist. They will stand cold weather down to 10 above zero. It is claimed by customers that it does not cause gas like cabbage or cauliflower. Even if the heads burst in the spring and become green they are superior to green broccoli, being milder and more tender. A very nutritious vegetable. In those parts of the nation where cabbage will not stand through the winter, without severe damage, it should be transplanted in the Spring when early cabbage plants are set out. **Pkt. 35c; 1/4 oz. \$1.25; oz. \$3.50; 1/4 lb. \$10.00; lb. \$30.00. Postpaid.**



Caulicab, as a Spring Crop

## Dandelion

**IMPROVED THICK LEAVED**—Far superior to the uncultivated plant. Valuable for early spring greens. **Postpaid. Pkt. 15c; 1/2 oz. 40c; oz. 70c.**

## Florence Fennel

This fine Italian vegetable should be planted more generally. Use like celery or for flavoring. For best results plant July 15 to August 15 in rows 2 feet apart and thin to 1 foot apart. It is not difficult to grow on good, rich soil. **Postpaid. Pkt. 10c; oz. 35c; 1/4 lb. 95c.**

## Egg Plant

Start in hot beds like tomatoes. Set 2 feet apart in the rows and 3 feet between.

**EARLY BLACK**—A small extra early variety from Japan. Fine quality. **Pkt. 15c; 1/2 oz. 75c; oz. \$1.25.**

**BLACK BEAUTY**—The earliest and best of the large fruited varieties. Color rich, lustrous purplish black. **Postpaid. Pkt. 10c; 1/2 oz. 40c; oz. 75c; 1/4 lb. \$2.25; lb. \$8.00.**

**NEW HAMPSHIRE HYBRID**—An extra early variety maturing in 70 days. Fruit round to olive shape. The best variety where seasons are short. Also suited for market gardeners who wish to market early crops. **Postpaid. Pkt. 15c; 1/2 oz. 75c; oz. \$1.25; 1/4 lb. \$3.00.**

We supply several thousand market gardeners and florists with our seeds. If you have not used our seeds and bulbs why not try us this year.

# CARROTS

**CULTURE**—Carrots may be planted from March to August 1. We prefer to plant from May 10 to 30; they will then miss many of the spring weeds and will stand through the dry season better, making a better quality of roots. Plant in rows  $2\frac{1}{2}$  feet apart covering one-half to one inch, according to weather conditions. Those who plant any quantity should use a good drill, as it lessens the work and gives a more even stand. As soon as they are up, use a wheel hoe, following this with a cultivator having small teeth.

**PRICES—Unless noted: Postpaid. Pkt. 10c; oz. 30c;  $\frac{1}{4}$  lb. 85c; lb. \$2.00.**

**GILL'S OREGON CHANTENAY**—A fine market carrot, either for bunching or sack, and sold by some seedmen as Long Chantenay and Greater Chantenay. We are the originators. A special strain of our selection producing very smooth roots about one inch longer than the regular strain and of more even diameter the whole length of the carrot. It is very popular with gardeners. The tops are of medium size, tough and wiry, hence the carrots seldom break from the bunches. The roots are rich red color with small core. Very high quality. Also valuable for planting late in the season.

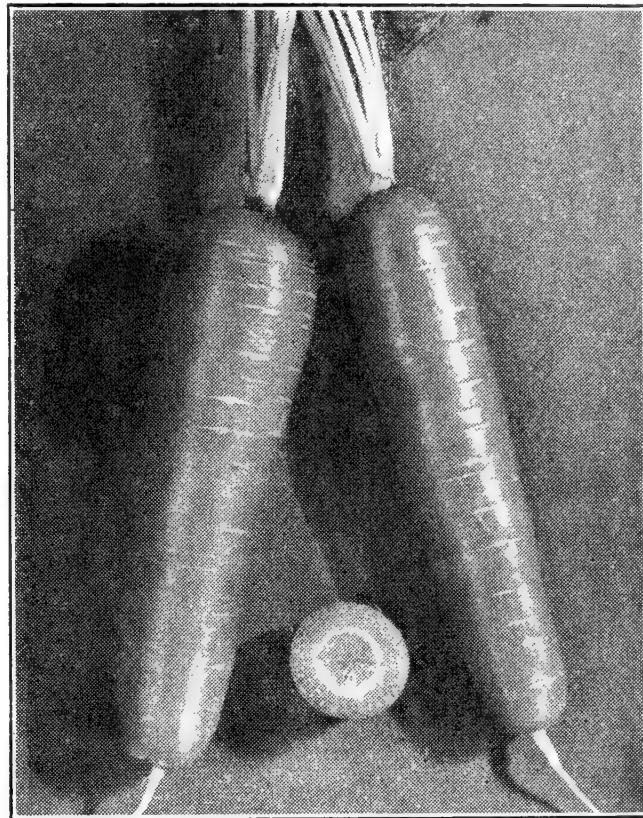
**GILL'S SPECIAL NANTES**—The roots are bright orange, 6 to 8 inches long and very uniform. They have a very small core and are exceptionally tender and sweet. The roots are rather slender, of even diameter and of early maturity. Very desirable for market, especially for bunching, and also splendid for the home garden. We offer a fine, re-selected strain grown from our stock seed. This variety is very popular with market gardeners. The tops are larger and stronger than the regular strains of Nantes or Coreless and this has not reduced the quality. **Postpaid. Pkt. 10c; oz. 35c;  $\frac{1}{4}$  lb. 95c; lb. \$2.50.**

**IMPERATOR, LONG TYPE**—A new strain developed for bunching, also for dehydration. Tops medium, abundant and strong enough for good bunching. Roots long, slender in proportion to length, smooth and tapering to semi-blunt ends. Flesh of rich orange color. It is noticeably longer and more evenly tapered than regular Imperator. Ideal for loose peat and sandy soils.

**IMPERATOR**—A good market carrot. Roots long, smooth and of rich red color with small core. Very popular for bunching and for late crops.

**TABLE GEM or AMSTERDAM**—We believe this to be the finest quality of all table carrots. The roots are 5 to 6 inches long, of even diameter and blunt ends. It is nearly coreless, exceptionally tender and sweet and is delicious eaten raw. It is very early and the tops are small. Suited for forcing or outside culture. High quality for home use but not suited for market except when forced. **Postpaid. Pkt. 10c; oz. 35c;  $\frac{1}{4}$  lb. 95c; lb. \$3.00.**

**MORSE'S BUNCHING**—Long, almost cylindrical roots. Good color and quality. Popular bunching carrot for market.



Carrot, Gill's Special Nantes

## DANVER'S HALF LONG, RED CORED

—An improved strain of this old variety. Deep orange red right through to the center. Heavy yielding; excellent quality.

**TENDERSWEET**—Very sweet and tender. Roots long and of deep red orange, tinged with red at the top.

**CHANTENAY, RED CORED**—This strain has a deeper red core and is popular with canners. Similar in type to regular Chantenay.

## Stock Carrots

**PRICES—Same as other carrots. See carrot prices at heading.**

**LARGE WHITE BELGIAN**—Long white stock carrot; very heavy yelder.

**LARGE YELLOW BELGIAN**—Same as above, except color, a pale yellow.

## Horse Radish

Plant in the spring 18 to 24 inches apart. Set the roots small end down. **Postpaid. Doz. 65c; 100 for \$3.35.** Write for prices on quantities.

Quality will be remembered long after the price is forgotten. We have seen growers who lost hundreds of dollars in crops because they saved a few dollars on the cost of the seeds.

# CELERY

**UTAH JUMBO**—This remarkable late celery is the finest quality of any we have tried. Grown extensively near Salt Lake and wherever shipped commands high prices. Plants sturdy, compact and solid. Very free from strings. In Utah, soil bleaching is generally used, producing stalks that are pure white, nutty and crisp. Also immensely popular sold green without bleaching. Our strain is very popular all along the Pacific Coast. We now supply this strain to many large celery growers in various parts of the country. **Postpaid. Pkt. 15c; 1/4 oz. 50c; oz. \$1.35; 1/4 lb. \$4.25; lb. \$15.00.**

**IMPROVED UTAH JUMBO**—This new strain has thicker, more meaty stalks with longer stems. The mature plant is larger around and taller than Utah Jumbo. This is worthy of your trial. **Postpaid. Pkt. 20c; 1/4 oz. 65c; oz. \$1.60; 1/4 lb. \$5.00; lb. \$18.00.**

**UTAH SPECIAL**—A large green celery similar to Utah Jumbo. This special strain is popular with large growers in California. Seed grown in Utah. **Pkt. 15c; 1/4 oz. 50c; oz. \$1.35; 1/4 lb. \$4.25; lb. \$15.00.**

**SUMMER PASCAL**—While the plants are not tall the stems to the first joint are 8 to 9 inches long. It matures right after the yellow varieties and ahead of Utah Jumbo. Stalks thick and tender and of finest quality. **Postpaid. Pkt. 10c; 1/4 oz. 35c; oz. \$1.00; 1/4 lb. \$3.50; lb. \$12.00.**

**UTAH No. 15**—A tall Utah strain of midseason maturity. Plants large; height 26 to 28 inches. Leaves dark green, deeply cut, moderately broad. Plants erect, compact, full hearted. Edible stems 8 to 10 inches long, numerous and of medium width, thick, rounded and quite smooth. Crisp and of fine quality. Very resistant to blight. **Postpaid. Pkt. 10c; 1/4 oz. 35c; oz. \$1.00; 1/4 lb. \$3.50; lb. \$12.00.**

**UTAH 10-B**—An outstanding strain of green celery that is slightly later than regular Utah. Plants tall, 26 to 28 inches, leaves large, medium deep green. Plants erect and compact with edible stems 8 to 10 inches long, of uniform length, rounded, thick and of waxy appearance. It blanches easily and tender. Crisp and of excellent quality. **Pkt. 10c; 1/4 oz. 35c; oz. \$1.00; 1/4 lb. \$3.50; lb. \$12.00.**

**GOLDEN SELF BLANCHING, TALL STRAIN**—The plants grow very tall and weigh very heavy. The stalks are wide and rather flat, while the quality is extra fine. This strain is very early and especially valuable in dry climates. **Postpaid. Pkt. 10c; oz. \$1.00; 1/4 lb. \$3.50; lb. \$12.00.**

**CELERY SEED FOR COOKING—2 oz. pkt. 15c; 1/4 lb. 25c; lb. 75c.**

# FIELD CORN

The growing of field corn in the Pacific Northwest has now reached a stage where it is past being an experiment, and with acclimated seed it is not difficult to obtain success. We do not handle any but Northwest grown seed of dent corn, and our customers may feel sure of getting acclimated seed. Do not plant field corn near sweet corn or they will mix.

## Open Pollinated

**\*ALBANY DENT (formerly called Albany Hybrid)**—A cross between Minn. No. 13 and Pride of the North. It has the earliness of the No. 13, and the deep grain and small cob of the Pride of the North. It has been given careful selection and is, we believe, one of the finest sorts for grain or ensilage. **Postpaid. Pkt. 10c; lb. 35c. Not prepaid, lb. 30c; 10 lbs. @ 15c per lb.; 100 lbs. for \$12.50.**

**\*MINN. NO. 13**—An early variety well suited to the Northwest. Grains golden yellow, deep and heavily dented. Prices same as Albany Dent.

## Hybrid Field Corn

**PRICES**—Unless noted are uniformly: **Postpaid. Pkt. 10c; lb. 40c. Not prepaid, lb. 35c; 10 lbs. @ 20c lb.; 50 lbs. @ 19c lb.; 100 lbs. or more @ 17c lb.**

**\*IDAHO HYBRID (Grain Type)**—Same season as Minn. No. 13. The extensive root system keeps the plants erect throughout the season, producing extra long ears and a heavy yield of grain.

**\*IDAHO HYBRID (Silage Type)**—Same as grain type, except bred for a longer growing season in order to produce a heavier crop of silage material.

**\*OREGON HYBRID No. 525**—A splendid yellow dent hybrid ripening in a little over 100 days. Uniform, large ears; heavy yielding for grain or ensilage.

**OREGON HYBRID No. 100**—Produced by Oregon Agricultural Experiment Station, and is one of the earliest varieties of hybrid field corn. Ears 12 to 16 rows, kernels rather short and flat. Stalks about 6 feet and nearly free of suckers. Especially valuable for grain.

## Celeriac

**TURNIP ROOTED CELERY, SPECIAL STRAIN**—The roots are turnip shaped and are used for soups and stews. Very hardy and will stand in open all winter in the Coast regions. **Postpaid. Pkt. 10c; 1/2 oz. 40c; oz. 75c; 1/4 lb. \$2.00; lb. \$7.00.**

## HIGH GRADE CELERY SEED

We have a large trade with commercial celery growers all over the Nation. Repeat orders indicate customers are satisfied. We invite all growers to try our seed.

# SWEET CORN

**CULTURE**—Prices paid for first early corn will pay the grower to take chances on early planting. For this planting use 4 to 5 seeds per hill and cover one inch deep. Space hills 28 to 36 inches, and rows 3½ feet, allowing two stalks to the hill or as some prefer, and we think this gives the best results, plant 12 inches between hills, and thin to one stalk; this gives all the stalks an even show. April 1 to May 1 is a good season for early corn, of course, depending on the weather. May 15th to 25th is good for the later sorts, as they do not resist damp, cold weather as well as the early varieties.

Corn will not fill well unless the patch planted is blocked out; those planting small quantities should make the patch square, or nearly so. This will permit the pollen to blow down on the silk, fertilizing the ears. Early corn may be planted in succession up to July 5 in the Portland area.

## Open Pollinated Varieties

**PRICES**—Unless noted are uniformly; **Postpaid.** Pkt. 10c; ½ lb. 25c; lb. 40c. For 4th zone and beyond, 45c. Not pre-paid, lb. 35c; in any one variety, 5 lbs. @ 32c; 10 lbs. @ 30c; 25 lbs. @ 25c lb.

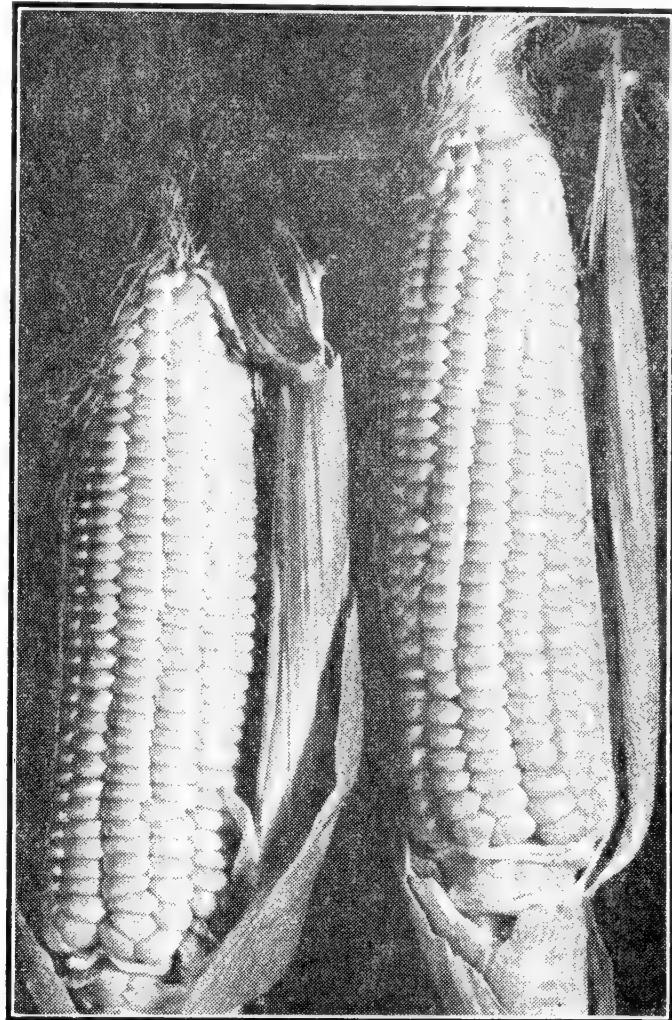
**GOLDEN MIDGET**—A miniature sweet corn that has found a place in small city gardens. The stalks grow only 2½ to 3 feet tall, bearing several small golden ears about 4 to 5 inches long. The quality is very good and it matures very early. It takes very little room in the garden compared to standard varieties. **Postpaid.** Pkt. 15c; ½ lb. 35c; lb. 60c.

**\*GILL'S EARLY GOLDEN SWEET**—Earliest of the golden varieties. Ears average about the same size as Improved Bantam with stalks four feet tall. We recommend this for market and home gardens. The sweetest first early variety we have tested. The best and earliest high quality first early sort. Our own introduction. We have increased the size.

**\*GILL'S IMPROVED GOLDEN BANTAM**—Superior to the original Golden Bantam in quality and nearly twice the size, also one week earlier. Nearly all ears carry 12 rows of deep, rich golden yellow kernels set close upon the cob. Do not compare this with the original strain, as it is far superior in every respect.

It has no superior for quality markets, table, canning or drying. Remember, we are the originators of this improved strain and continue our careful stock seed selections each year. We have received many letters of praise for this corn and many of our customers will have nothing else. We consider this the best quality of any sweet corn to date. It represents over 30 years of careful selection by ourselves directed toward quality and size.

**\*GILL'S GOLDEN EARLY MARKET**—The earliest large, true sweet corn of golden color. It is a cross between our Improved Golden Bantam and Early White Market. According to our own trials and reports from all over the country, it is earlier and larger than Golden Sunshine. It is the outstanding early corn and is a money-maker for gardeners. For home use or market, be sure to plant this variety. It matures about a week earlier than Improved Golden Bantam. Large, golden ears, tightly filled with large sweet grains of high quality. Originated by our firm.



Sweet Corn, Gill's Golden Early Market

## Yellow Sweet Corn Collections

### OPEN POLLINATED VARIETIES

We offer one packet each of Early Golden Sweet, Golden Early Market and Improved Golden Bantam for 25c; ½ lb. each for 65c; 1 lb. each for \$1.00. **Postpaid.** **Beyond 4th zone add 15c extra on pound collection.** This makes a splendid succession if planted at the same time. They are all of high quality.

### HYBRID COLLECTION

This offers a good rotation in Hybrid varieties. One packet each of Spancross, Golden Cross and Golden Grain for 25c; ½ lb. of each 80c; 1 lb. of each \$1.45. **Postpaid.** **Beyond 4th zone add 15c extra on pound collection.** By planting both collections you will have sweet corn for a long season.

# Hybrid Sweet Corn

**PRICES**—Unless noted are uniformly: **Postpaid.** Pkt. 10c;  $\frac{1}{2}$  lb. 30c; lb. 55c. **For 4th zone and beyond,** lb. 60c. **Not prepaid,** lb. 50c; **in any one variety 5 lbs. @ 45c lb.,** 10 lbs. @ 36c lb.

**IOCHIEF**—A new yellow hybrid. Claimed to have top rating for yield and cutting percentage. Excellent performance under drought. Very good flavor and tenderness. Stalks 7-7½ ft. and nearly free of suckers. Ears 8½-9 inches long, cylindrical, filled to the tips; 16-20 rows of deep, narrow grains. Good rich color and clean silker. Good husk color and ears hold well in prime condition. Market gardeners like the large ears of fine quality. **Pkt. 15c;  $\frac{1}{2}$  lb. 40c; lb. 75c. Postpaid.** **Not prepaid** lb. 70c; 5 lbs. @ 65c.

**F. M. CROSS**—A new hybrid with large, golden ears which are earlier than Golden Cross. Compares with Carmel-cross for earliness and with ears larger than Golden Cross. Grains deep and of high quality. It promises to be satisfactory for canning and freezing and is popular with market gardeners. **Pkt. 15c;  $\frac{1}{2}$  lb. 40c; lb. 75c. Postpaid.** **Not prepaid** lb. 70c; 5 lbs. @ 65c.

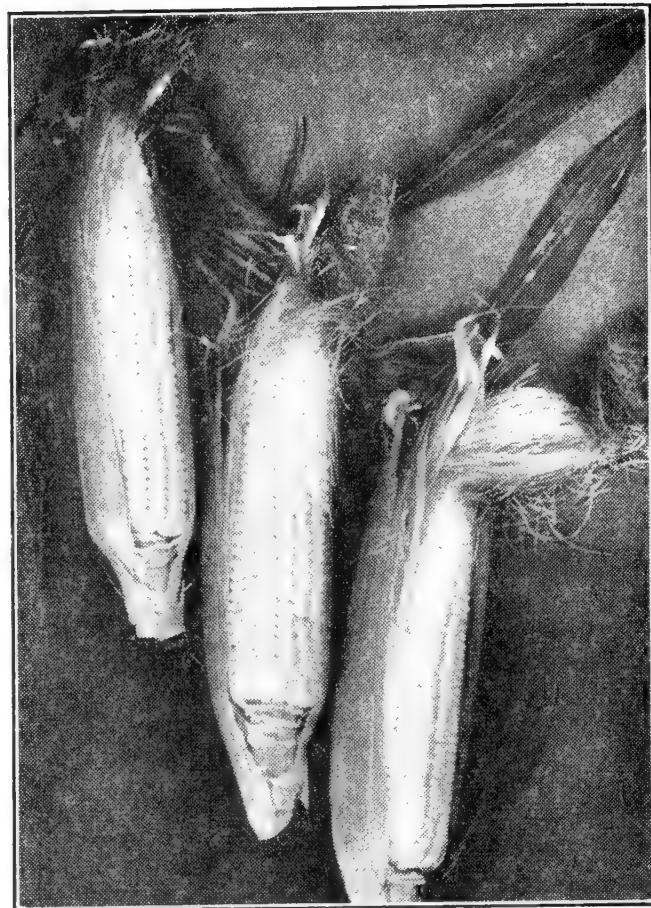
**\*WHITE CROSS BANTAM**—Recommended in place of Stowell's Evergreen. A valuable new white hybrid of outstanding quality. Strong stalks 6 to 7 feet tall, producing large ears with 18 to 20 rows per ear. Pure white grains, somewhat small but deep. We found it equal in sweetness and tenderness to the finest yellow varieties. Season about the same as Golden Cross Bantam.

**GOLDEN GRAIN**—Two weeks later than Golden Cross Bantam. Vigorous tall stalks, 7 to 8 feet high; productive of large, plump ears, one-third larger than Golden Cross, containing 16 to 20 rows of narrow, deep yellow grains. Ideal for large, late hybrid corn of fine quality. **Postpaid. Pkt. 15c;  $\frac{1}{2}$  lb. 35c; lb. 60c. Not prepaid, 5 lbs. @ 50c per lb.**

**TENDERMOST**—Ears are somewhat larger and longer than Golden Cross. Plants 6 inches taller and a few days later. Very productive. Grains quite deep and of very fine quality. Exceptionally sweet and tender.

**\*IOANA**—Very productive, highly resistant to drought and wilt. Very valuable for gardeners and canners. Ears 7½ to 8 inches long, 12 to 14 rows; well filled with medium-narrow, light yellow kernels. Tall, sturdy plants with broad leaves. Very high quality.

**\*SPANCROSS**—A good first early hybrid for home or market. Very resistant to disease. Large ears, golden yellow, tender and sweet. An extra early hybrid.



Corn, Golden Cross Bantam

**\*GOLDEN CROSS BANTAM**—A hybrid sweet corn especially valuable where Stewart's disease (wilt) makes it impossible to grow ordinary varieties. Excellent for market gardeners and canners. 12 row ears, more resistant to worm damage and heaviest yielding of any standard yellow sweet corn variety. Matures very uniformly. Ideal for freezing.

**\*MARCROSS**—A little later and larger than Early Marcross. Fine quality and very popular with market gardeners. Yellow grains of fine quality.

**\*EARLY MARCROSS**—An early yellow hybrid with 12 row ears, longer than Golden Early Market and about one week later. Good quality.

**\*CARMELCROSS**—Large, uniform golden ears, 12 to 14 rows, about one week later than Early Marcross. Very fine quality and a good producer. A fine market variety and very popular where Golden Cross Bantam is too late.

**\*LINCOLN**—A fine hybrid sweet corn. Vigorous, well foliaged plants with ears 12 to 16 rowed. Bright yellow kernels of fine quality. A valuable late variety for market, with large perfect ears. Because of heavy production of fodder and ears this variety is also popular for dairy feed.

**EARLY GOLDEN HYBRID**—One of the newer varieties maturing a few days ahead of Early Marcross. High quality and a good producer.

**We offer high grade sweet corn seed.**

## Pop Corn

**MINHYBRID 250 HULLESS**—This hybrid pop corn is extra early. It pops about one-third more than old varieties. The finest for quality, flavor and crispness. **Pkt. 15c; 1/2 lb. 40c; lb. 75c. Postpaid.**

**\*AUSTRALIAN HULLESS (Improved White Rice)**—Small, sharp pointed, white grains. Extra fine quality. **Postpaid. Pkt. 10c; 1/2 lb. 25c; lb. 40c. Not prepaid, 10 lbs. @ 25c lb.**

**\*SPANISH PEARL**—Large, round, smooth, white grains. Fine commercial sort. **Postpaid. Pkt. 10c; 1/2 lb. 25c; lb. 40c. Not prepaid, 10 lbs. @ 25c lb.**

## KALE, Edible

**CULTURE**—Same as that of cabbage.

**DWARF BLUE GREEN CURLED**—This is a green shade similar to the common cabbage blue hue. The leaves are not so subject to turning yellow during the winter. Well curled foliage. **Pkt. 10c; 1/2 oz. 30c; oz. 50c; 1/4 lb. \$1.50; lb. \$4.00.**

**\*TALL GREEN SCOTCH CURLED**—Tall and finely curled leaves. We recommend this sort because the edible leaves are carried off the ground away from mud spattering. **Postpaid. Pkt. 10c; 1/2 oz. 30c; oz. 50c; 1/4 lb. \$1.50; lb. \$4.00.**

**HALF DWARF MOSS CURLED**—Medium height; fine curled. **Pkt. 10c; 1/2 oz. 30c; oz. 50c; 1/4 lb. \$1.50; lb. \$4.00.**

**GEORGIA COLLARDS**—Valuable greens for table use and stock feeding. They grow 2 or 3 feet tall and form loose, open cabbage-like plants. They withstand our winters and can be used all winter long. **Postpaid. Pkt. 10c; oz. 30c; 1/4 lb. 85c; lb. \$2.25.**

## Kale for Feeding

**\*JERSEY KALE (Improved Thousand Headed)**—Large, heavy, massive plants, with giant, broad leaves. This variety produces by far the largest crop. We offer seed of our own growing. **Postpaid. Pkt. 10c; oz. 20c; 1/4 lb. 45c; lb. \$1.25.**

**\*THOUSAND HEADED**—It makes more branches than Jersey Kale. Very hardy. **Pkt. 10c; oz. 20c; 1/4 lb. 45c; lb. \$1.25.**

## Kohl Rabi

**EARLY WHITE VIENNA**—Kohl Rabi should be grown more, as it is a delicious vegetable, cooked like turnips. Transplant like cabbage in July; rows 2 1/2 feet wide and 1 foot in rows. Can be sown in rows and thinned. **Postpaid. Pkt. 10c; 1/2 oz. 40c; oz. 65c; 1/4 lb. \$1.65.**

**PURPLE VIENNA**—Dwarf plants; green leaves with purple stems. Shape globular, purple with white, tender flesh. Prices same as Early White Vienna.



Cucumber, Cubit

## CUCUMBERS

**CULTURE**—Plant 4 feet each way in rich, loamy soil, from May 1 to July 1; 8 to 10 seeds to a hill; thin to two or three good vines. Cover seed one inch deep and press soil fairly firm.

**PRICES—Unless noted: All cucumber prices listed are postpaid. Pkt. 10c; oz. 25c; 1/4 lb. 80c; lb. \$2.25.**

**DELCROW (New)**—A splendid novelty with rich dark green cucumbers with rather smooth surface and white spines. It holds its color well and has small seed cavities. Suited for outdoor, frame or greenhouse culture. Maturity mid-season. **Pkt. 15c; oz. 50c; 1/4 lb. \$1.50; lb. \$3.50.**

**SWEET WHITE**—If you have a prejudice against white cucumbers it will be overcome by this splendid creamy white variety. Long, slender cucumbers, often 12 inches long, with brittle flesh and small seed cavity. It is the most free from bitterness of any variety we have tried. It does best in quite rich soil. Unexcelled for slicing and ideal for bread and butter pickles. A shy seed producer. Because of its tenderness half grown cucumbers can be used without peeling. Our introduction in 1947. **Pkt. 15c; 1/2 oz. 40c; oz. 75c; 1/4 lb. \$2.25.**

**CUBIT**—A prolific, white spined variety distinguished by unusually uniform, dark green exterior color and long blunt ends, cylindrical shape, so much so that it has been compared to a rolling pin. The interior has smooth, crisp texture with small seed area and it is admirably adapted for slicing. It does not quickly "flag down," but holds its fresh quality well, a very important factor for market growers. A valuable new variety. **Pkt. 10c; oz. 30c; 1/4 lb. 95c; lb. \$2.75.**

**MARKETER**—A very popular variety for home gardens and markets. Smooth, long cucumbers of intense deep green. About 8 inches long with small seed area; of finest quality. Same prices as Cubit.

**IMPROVED EARLIEST OF ALL**—Vigorous grower. Dark green, desirable for slicing and pickling.

## CUCUMBERS—Continued

**THE VAUGHAN or LONGFELLOW—** Among the best slicing cucumbers to date for market purposes. The cucumbers are long, straight and of even diameter. When ready for slicing they will average a foot long and about one and one-half inches in diameter. They are a very deep green and the quality is extra fine. **Pkt. 10c; oz. 30c; 1/4 lb. 95c; lb. \$2.65.**

**DELTUS—**This has high quality and is desirable for slicing; also valuable for greenhouse forcing. It holds its seedless period longer than most sorts. It averages 10 inches long and 3 inches in diameter; smooth, white spined, rounded ends; white, firm flesh; dark green color. **Pkt. 10c; oz. 30c; 1/4 lb. 95c; lb. \$2.65.**

**BURPEE'S HYBRID—** Most outstanding, disease resistant slicing cucumber; vines extremely vigorous, long lived, bearing a big crop of long, straight fruits of finest quality. **Pkt. (30 seeds) 25c; 1/2 oz. \$1.25; oz. \$2.25.**

**STRAIGHT EIGHT—** For home, shipping and market gardens. Fruit uniformly cylindrical, rounded at ends, medium green. Earlier than most sorts. **Pkt. 10c; oz. 30c; 1/4 lb. 85c; lb. \$2.65.**

**DAVIS PERFECT—**A strong, vigorous grower, producing heavy crops of uniform, long, dark green cucumbers. A good variety for pickles and slicing.

**COLORADO—** Very attractive market and shipping variety. Fruit dark green, cylindrical and with small seed cavity. One of the best for uniformity, texture and appearance. **Pkt. 10c; oz. 30c; 1/4 lb. 95c; lb. \$2.65.**

**LEMON CUCUMBER—**Resembles a lemon, both in color and form. Splendid for pickling or slicing. This variety is outstanding in quality. Free from bitterness and ideal for family use. **Pkt. 10c; oz. 35c; 1/4 lb. 95c; lb. \$2.65.**

**ARLINGTON WHITE SPINE—** Considered the best strain of White Spine.

## Pickling Cucumbers

**PRICES—**Unless noted are: Postpaid. **Pkt. 10c; oz. 25c; 1/4 lb. 70c; lb. \$1.75.**

**MAGNOLIA—**New black spined pickling cucumber. It is claimed to be more resistant to hot weather than other sorts. Originated by the Mississippi State College. **Pkt. 15c; oz. 50c; 1/4 lb. \$1.50; lb. \$3.50. Postpaid.**

**DOUBLE YIELD—**A new prolific pickling cucumber. It produces enormous quantities of pickles of the most desirable shape and color, often producing twice as many as any other variety. Black spines. It is very early, producing fruit of medium length, very straight with blunt ends and of deep green color. **Pkt. 10c; oz. 30c; 1/4 lb. 90c; lb. \$2.50.**

**NATIONAL PICKLING—**Ideal for pickling; fruit deep green, symmetrical with thick walls; full ended; slightly shorter than Chicago Pickling.

**BOSTON PICKLING—**A popular pickling sort, medium sized and vigorous.

**SNOW'S PERFECTION—**A very popular pickling cucumber. Heavy yielder.

**CHICAGO PICKLING—**A vigorous grower; medium green cucumbers with nearly square ends; very prolific; well warted at pickle stage.

**SMALL GHERKIN—**A small, round, prickly variety used only for pickles. **Pkt. 10c; oz. 25c; 1/4 lb. 75c; lb. \$2.25.**

## Herb Seeds--For Planting

**ANISE—**Used as a cordial and for garnishing and flavoring. Seeds have an agreeable aromatic taste. **Pkt. 15c.**

**BASIL (Sweet)—**For soups, stews and highly seasoned dishes. **Pkt. 15c.**

**BORAGE—**Star-shaped blue flowers. Leaves and flowers have a cucumber flavor, for salads and cold drinks. **Pkt. 15c.**

**CARAWAY—**Used for flavoring of bread, pastry, etc. **Pkt. 15c.**

**CATNIP—**Used for seasoning. It also makes an excellent bee pasture. **Pkt. 15c.**

**CHERVIL (Annual) —**Parsley-like leaves for flavoring salads. **Pkt. 15c.**

**CHIVES —**Leaves used in salads and for flavoring soups and stews. **Pkt. 15c.**

**CORIANDER—**The seeds are used for flavoring and confectionery. **Pkt. 15c.**

**HOREHOUND—**For flavoring. **Pkt. 15c.**

**MARJORAM (Sweet)—**The leaves and the ends of the shoots are esteemed for seasoning in summer and are also dried for winter use. **Pkt. 15c.**

**SAGE (Broad Leaf) —**Perennial for seasoning. **Pkt. 15c; 1/2 oz. 85c; oz. \$1.50.**

**SUMMER SAVORY—**A hardy annual. The dried stems, leaves and flowers are extensively used for flavoring in dressings and soups. **Pkt. 15c.**

**THYME—**Used for seasoning. **Pkt. 15c.**

## Bottle Mushroom Spawn

Grown in sterile bottles which are removed and the spawn then packed in cartons. One carton of spawn sufficient for 40 sq. ft. of bed. Produces fine white mushrooms. **Postpaid. Per carton, \$1.15.**

## Leek

Easy to grow and will stand through the winter without injury from freezing. It is ideal for soups and stews. It can be planted in rows from seed or it can be transplanted when the plants are small. Plant from early spring up to June 1st. If bleaching is preferred cover with soil except a little of the tip leaves.

**MUSSELBURG—**Vigorous, large sort, suited for market or home use. **Pkt. 10c; 1/2 oz. 35c; oz. 60c; 1/4 lb. \$1.50; lb. \$4.00.**

# HEAD LETTUCE

**CULTURE**—Can be planted almost any time of the year. Give head varieties plenty of room, at least 14 inches apart each way. Cover one-half inch deep. Referring to head lettuce, it is generally agreed among large growers that some aging of the seed produces earlier and firmer heads, besides making them more sure heading.

## New York Strains

**PRICES ON NEW YORK STRAINS—**  
Unless otherwise noted are: Postpaid.  
**Pkt. 10c; 1/2 oz. 25c; oz. 40c; 1/4 lb. \$1.00;**  
**lb. \$3.00.**

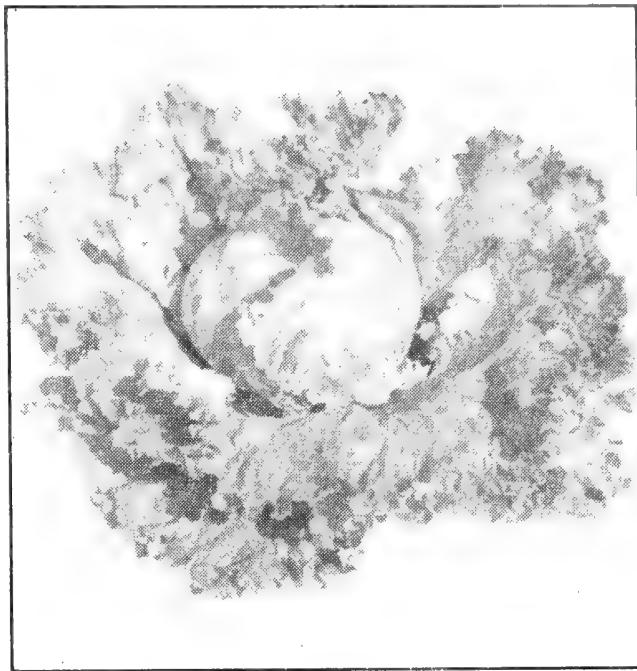
We have a very large trade with market gardeners and sell New York seed to plant thousands of acres each year. Do not gamble with your crop by buying cheap lettuce seed. Intensive selection has resulted in many strains of New York, several of which we list below. Market gardeners require many different types to cover the various seasons and climatic conditions. For home gardeners we recommend New York Supreme, Improved B, Pennlake, and any of the Great Lakes varieties.

**PENNLAKE**—A cross between Great Lakes and Imperial 847. Large, solid heads of better quality than Great Lakes. Crisp, dark green foliage, showing more refinement than the Original Great Lakes and without the ribbiness of that variety. Valuable for early spring and late summer plantings but not best suited for cutting in hot summer weather. A splendid variety for home and markets.  
**Pkt. 15c; 1/2 oz. 45c; oz. 75c; 1/4 lb. \$1.75;**  
**lb. \$4.50.**

**EARLY GREAT LAKES**—This fine new strain is earlier and more uniform than the original Great Lakes. It is more refined with less fringes and the quality is better. In size, about the same as the regular Great Lakes, but equally resistant to heat and tip-burn. The underside leaves are darker green, making them more attractive when packed. It has shown up exceedingly well for spring, summer and fall cutting. The solid heads are brittle and sweet. Market gardeners have tested it out and are enthusiastic about it. **Pkt. 15c; 1/2 oz. 45c; oz. 75c;**  
**1/4 lb. \$1.75; lb. \$4.75.**

**GREAT LAKES**—A large, sure heading variety exceedingly resistant to warm weather. Especially valuable on higher soil and in dry weather conditions. What chiefly distinguishes Great Lakes from other varieties of the Imperial type is its increased resistance to tip-burn injury and great ability to produce solid heads under adverse conditions. The leaves are large, relatively thick, folding well over the heads so that when unwrapped they give large sections desirable for salad. Large solid heads of fine quality, and also very sure heading. It is adaptable for good heads almost nation-wide. This has also proved excellent for the early fall crops. **Pkt. 10c; 1/2 oz. 40c; oz. 65c;**  
**1/4 lb. \$1.50; lb. \$4.50.**

**NEW YORK "B" (No. 199)**—Resembles No. 12, but has better leaf coverage, is larger and more burn resistant. Desirable for early spring and fall cutting.



Lettuce, Pennlake

**LATE GREAT LAKES**—A new strain of Great Lakes which matures about one week later than the regular Great Lakes. The heads are darker green than Great Lakes with a light green exterior at the base. They are very sure heading and uniform. Very resistant to heat. A fine lettuce deserving a good trial. **Pkt. 15c;**  
**1/2 oz. 50c; oz. 90c; 1/4 lb. \$2.00; lb. \$6.00.**

**CORNELL 456**—Valuable for growers in Eastern States and some sections of the Pacific Coast. Slightly earlier than Great Lakes and is claimed to be more resistant to tip-burn. Heads very firm but smaller than Great Lakes. **Pkt. 10c;**  
**1/2 oz. 40c; oz. 65c; 1/4 lb. \$1.50; lb. \$4.00.**

**IMPERIAL "44"**—Medium sized, firm heads with few outer leaves. Fine for August and early September cutting in the Pacific Northwest. Recommended for general use in Eastern locations. Exceptionally fine for low, dark soils.

**IMPROVED B**—Ideal for commercial growers. An improvement over New York B for market gardeners.

**NEW YORK No. 12**—Large, compact, medium green heads, adapted to early spring and summer cutting.

**IMPERIAL "847"**—Large, dark green heads, desirable for spring, summer and fall cutting. Tip-burn resistant. Black seed. Especially valuable for Fall crops.

**NEW YORK SUPREME No. 55**—A true New York strain making solid, attractive heads. The earliest N. Y. strain and notable for its excellent table quality. Besides this it is fine for early spring and fall lettuce. Both home and market gardeners should try this strain.

**IMPROVED 615 (No. 101)** — An improved selection that has given fine results. Quite similar to Imperial 615, but more uniform. It makes large solid heads that are very important for fall cutting. **Pkt. 10c; 1/2 oz. 30c; oz. 50c; 1/4 lb. \$1.50; lb. \$3.50.**

**IMPERIAL "152"** — Medium sized solid heads. Quite hardy, very sure heading, also resistant to brown blight. Especially desirable for fall cutting.

**SUMMER GREAT LAKES** — Another strain of refined Great Lakes producing uniform, solid heads of fine quality. It is generally rated as resistant to summer heat and is very good for early summer and for fall crops. It showed up exceptionally well for fall cutting. **Pkt. 15c; 1/2 oz. 45c; oz. 75c; 1/4 lb. \$1.75; lb. \$5.00.**

**PROGRESS** — A cross between Imperial No. 44 and other New York strains. Leaves thick, dark green and savoyed. Relatively resistant to tipburn. Usually adapted to the same areas as Imperial No. 44, and of better quality. Large, solid head of very attractive appearance when packed. **Pkt. 15c; 1/2 oz. 45c; oz. 85c; 1/4 lb. \$2.00; lb. \$5.00.**

## LETTUCE

### Other Than N. Y.

**CULTURE** — This group contains loose leaf and soft heading varieties. They have the advantage of quick and easy culture. They also contain more vitamins. Loose leaf lettuce can be grown more thickly than New York types.

**PRICES, unless noted: Postpaid. Pkt. 10c; oz. 30c; 1/4 lb. 85c; lb. \$2.10.**

**BRONZE BEAUTY** — All-America winner 1947. A splendid new lettuce. A bronze counterpart of Oak Leaf. It possesses all the fine points of that variety and is really a beauty; also valuable for decorations. Very tender and sweet. **Pkt. 15c; 1/2 oz. 35c; oz. 65c.**

**OAK LEAF** — Forms a bunch or indefinite head of medium size and light green. Excellent quality, and being free from bitterness, is ideal for summer use.

**ICEBERG** — Produces large heads, very tender and brittle. Withstands hot weather better than most sorts.

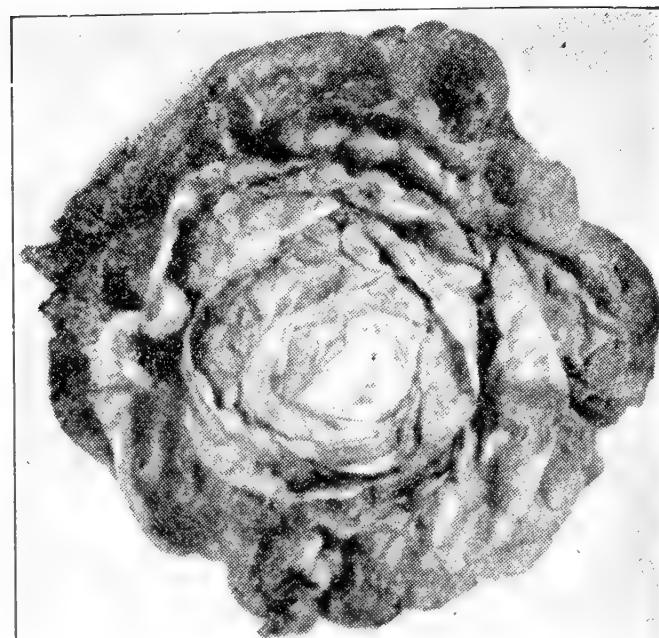
**WHITE BOSTON** — An excellent butterhead type. Hardy for early planting.

**TOMHANNOCK or PRIZE HEAD** — A beautiful quick growing loose leaf lettuce. Leaves large, bordered reddish brown; very tender and sweet.

**GRAND RAPIDS** — The standard hot-house lettuce for forcing; also does fine in the open ground. Loose leaves with light fringed edges.

**COS, PARIS DARK GREEN (Romaine)** — It forms a good firm head, which is light green and white at the heart.

**CHICKEN LETTUCE** — A rough, tall, loose plant for feed only. Grows 4 feet high and supplies abundant green feed. Fine tonic for laying hens.



Lettuce, White Boston

## MUSTARD

**PRICES** — Unless noted are: Postpaid. **Pkt. 10c; oz. 25c; 1/4 lb. 55c; lb. \$1.50.**

**FLORIDA BROAD LEAF** — Large, upright plant; leaves exceptionally large and thick, bright green. Leaves smooth with toothed edges.

**FORDHOOK FANCY** — A handsome, vigorous growing, mild variety, standing a long time before going to seed; leaves bright green, intensely curled and fringed.

**GIANT SOUTHERN CURLED (Long Standing Strain)** — Very popular. Leaves long and wide, light green, heavily crumpled and curled at edges. Best suited for fall crops.

**TENDER GREEN** — Sometimes called mustard spinach. Rapid growing Oriental greens producing immense yields. It is suited for early spring or fall sowing. Mild mustard flavor, smooth leaves.

**BOK TOY SPECIAL** — A Chinese variety of large size and mild flavor. Plant in rows or sow broadcast in mid-August or early September. Commercial growers transplant the seedlings in very rich soil. Special selected seed from a successful Chinese grower. **Pkt. 15c; 1/2 oz. \$1.25; oz. \$2.00; 1/4 lb. \$7.00; lb. \$25.00.**

## Okra

**CULTURE** — Okra is easy to grow. Plant May 20th to June 20th. Try planting some of this fine vegetable.

**PERKIN'S MAMMOTH LONG GREEN** — Medium early, very productive. Pods 7 to 8 inches long, slender, meaty, tapered and ribbed. **Postpaid. Pkt. 10c; oz. 20c; 1/4 lb. 35c; lb. \$1.00.**

**EARLY DWARF GREEN** — Very productive, of short, deep green pods; extra early. **Postpaid. Pkt. 10c; oz. 20c; 1/4 lb. 35c; lb. \$1.00.**

# MUSKMELON

**CULTURE**—Loam soil is best, fertilized with rotted manure and a complete commercial fertilizer. Plant 4 to 6 feet, giving more room for larger varieties. Use 8 to 10 seeds to the hill; cover 1 to 1½ inches deep. Turn vines with row to permit cultivation. Plant May 1st to 25th.

**PRICES**—Unless noted: Postpaid. Pkt. 10c; oz. 35c; ¼ lb. 85c; lb. \$2.00.

**\*OREGON DELICIOUS**—We introduced this exceptional melon for quality, size and earliness. They usually weigh 6 to 8 pounds but sometimes weigh up to 12 pounds. The shape is oblong, slightly ribbed and with a creamy slate green color when ripe. The flesh is salmon, very thick and of wonderful quality. The melons are quite heavily netted and of attractive appearance. It is a selection from the Spear melon. **Postpaid. Pkt. 10c; ½ oz. 30c; oz. 50c; ¼ lb. \$1.50; lb. \$3.00.**

**FAR NORTH**—A new Canadian variety claimed to be the earliest cantaloupe—two weeks ahead of any good kind. Melons salmon fleshed, round and lightly netted. They have a definite pomegranate odor along with fine quality. Valuable for early gardens in the Northern states. Melons green, mottled with yellow spots. **Pkt. 15c; oz. 50c; ¼ lb. \$1.50; lb. \$3.50.**

**\*SPEAR MELON**—This is the original type, somewhat smaller than Oregon Delicious. The netting is more sparse although the quality is very good. A splendid melon for local markets and stands. It matures quite early and is suited to northern sections with short growing seasons. **Postpaid. Pkt. 10c; ½ oz. 25c; oz. 40c; ¼ lb. \$1.00; lb. \$2.50.**

**NEW YORKER**—This new melon has great promise for home and market gardeners. A large melon, bigger than Bender with rind very strong or hard, covered with heavy netting. It is slate colored, turning to light yellow gray when fully matured. The thick, brilliant flesh has a very high sugar content and the texture is soft and of delicious quality. A better shipper than Oregon Delicious.

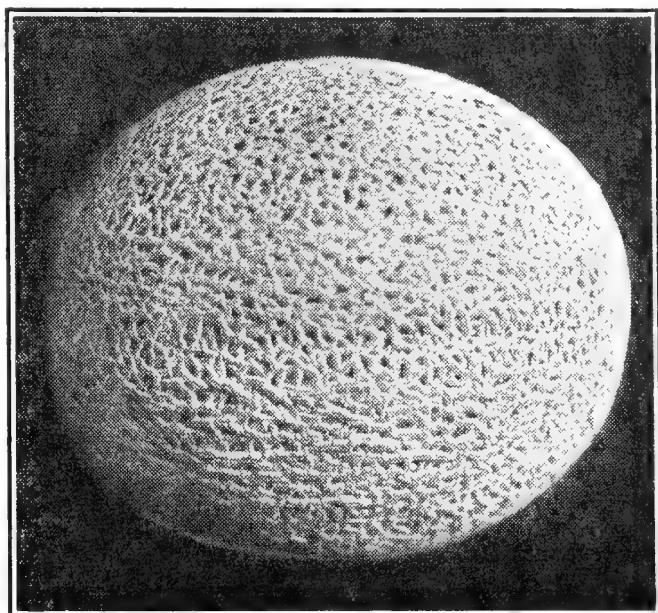
**EXTRA EARLY KNIGHT**—A very early green meated melon. Fruit oblong, weighing around 2 pounds; flesh thick, green, juicy and sweet. One of the earliest for the Pacific Northwest.

**HEARTS OF GOLD**—Grown extensively for local markets. Fruit nearly round; weight about 3 pounds; distinctly ribbed, deep green with fine gray netting. Flesh thick, deep salmon; tender, juicy, sweet and aromatic.

**EARLY BENDER**—A large, highly flavored, round melon; very early. Delicious, deep orange flesh. Very popular, high quality variety for home gardens.

**HONEY DEW (Green Flesh)**—A round-oblong shaped melon with almost white rind. Flesh thick, light green and sweet as honey.

**GOLDEN RIND HONEY DEW (Green Flesh)**—Also called Golden Honeymoon.



Hale's Best Early Melon No. 936

About ten days earlier than regular Honey Dew. Same shape, thick flesh, good flavor and carries well in shipping.

**JUMBO HALE'S BEST or TRIUMPH**—Early, very heavily netted, no ribs, and 25 to 30% larger than the regular Hale's Best. Thick, bright orange flesh and extremely small seed cavity.

**MEDIUM PERSIAN**—A smaller type of Persian melon weighing about 5 to 6 pounds. Except for size, similar to the regular Persian.

**HALE'S BEST EARLY "936"**—A selected strain a little larger than No. 36. Fruit 6½ by 5¾ inches; heavily netted. Flesh deep salmon and of fine quality.

**HALE'S BEST No. 36**—About one week earlier than No. 936, 5¾ by 5¼ inches. Uniform, heavily netted and fine quality. 85 days to maturity.

**RESISTANT No. 50**—A fine shipper, rather oblong in shape. Especially fine for market gardeners and fruit stands. Very fine quality. Resistant to mildew.

**BABY PERSIAN**—A small type of Persian well suited for packing.

**RESISTANT No. 45**—Wonderful shipping melon and very popular among shippers. Fruits slightly oblong, well netted and with solid, deep salmon flesh. A mildew resistant strain with vigorous vines producing melons 6½ by 6 inches. Fine quality. 88 days to maturity.

**IMPERIAL No. 5**—Mildew resistant. 88 days to maturity. Vigorous vines producing heavily netted fruit. This new melon promises to be a leading shipper. Extremely high sugar content.

**MAMMOTH PERSIAN**—Large, round, heavily netted melon without ridges. Thick orange flesh of delightful flavor. Usually averages about 10 lbs. in weight.

## Casaba Melon

**CRANSHAW**—This melon is very popular in the local markets of Central California. Some of the main restaurants claim it is their best seller. It is a hybrid casaba maturing about the same season as Golden Beauty Casaba. The flesh is thick, of light salmon color and of fine quality. It is not the best for shipping, but is well suited for nearby markets and stands. **Postpaid.** **Pkt. 10c; oz. 40c;** **1/4 lb. \$1.00; lb. \$3.00.**

**GOLDEN BEAUTY**—Bright yellow, almost globular in shape and the first to ripen. They will mature in most localities where melons can be grown. **Postpaid.** **Pkt. 10c; oz. 35c; 1/4 lb. 95c; lb. \$2.50.**

## WATERMELON

**CULTURE**—Plant 8 to 10 seeds in hills 6x6. Thin to 2 best vines. Turn vines with the rows. Plant May 1st to 20th.

**PRICES:** **Postpaid. Pkt. 10c; oz. 30c;** **1/4 lb. 55c; lb. \$1.65.**

**CONGO**—New. Tough rind and firm, fine grained flesh makes this variety well adapted for shipping. Fruit oblong, blocky, dark green faintly striped with lighter green. Melon weighs 30 to 35 lbs. Seed white with black tips and edges. It has considerable resistance to anthracnose. **Pkt. 15c; oz. 45c; 1/4 lb. \$1.25; lb. \$3.25.**

**NEW HAMPSHIRE MIDGET**—A new All-America winner of small size, well suited for home gardens. Somewhat smaller than a Honey Dew; color light green with broken veining. Rind very thin and brittle. Red meated and sweet. It ripens early. One of the best ice box type. **Pkt. 15c; oz. 40c; 1/4 lb. \$1.25; lb. \$3.50.**

**ICE BOX**—A fine, red fleshed, extra early and hardy home garden melon of excellent flavor. Being about six inches in diameter, it will fit in refrigerators.

**EARLY ARIZONA**—Medium sized round melons with dark green rind and deep red flesh. Dark brown seed. About 30 days earlier than Klondike.

**EARLY CANADA**—A high quality extra early variety. Rather round shape, weighing about 10 pounds. Matures in about 80 to 90 days.

**KLONDIKE No. 7 (Wilt Resistant)**—This special strain is exceptionally sweet and fine. The flesh is very brittle and the fruit oblong with deep green rind.

**STRIPED KLONDIKE, BLUE RIB-BON**—Wilt resistant strain with thin, hard, tough rind. Weight 20 to 25 pounds; flesh deep, rich red and sweet.

**PRESERVING CITRON**—Round green fruits distinctly marked with irregular stripes. Used for preserves and candied fruit. **RED SEEDED or GREEN SEEDED.**



**Garlic, Silverskin**

**STRIPED KLONDIKE No. 11**—Ready in 90 days. The highest in sugar content of the striped Klondike strains. Flesh bright red. It often carries three or four mature melons at one time that easily attain a size of 25 to 30 pounds.

**BLACK SEEDED ICE CREAM**—Round shaped melons with thin, ivory colored skin. Pink meated and of fine quality. It will keep late into the winter. Very prolific. Matures very early.

## Garlic

**CULTURE**—Garlic does best when planted in the fall in late October and in November or in the spring as early as possible. Place rows 18 inches apart and space the garlic sections 4 inches apart in rows. Leave the tip of the sections just barely covered.

**\*SILVERSKIN**—Large, late keeping variety. **Postpaid. 1/2 lb. 35c; lb. 60c. Not prepaid, 5 lbs. @ 55c.**

**\*LARGE FRENCH**—An early, large sort. **1/2 lb. 40c; lb. 70c. Postpaid.**

## ONION PLANTS

**WHITE BERMUDA, UTAH SWEET SPANISH, WHITE SWEET SPANISH, WALLA WALLA SWEET, WHITE PORTUGAL, and DOWNING'S YELLOW GLOBE**—These plants will grow early onions of very mild flavor. (Ready late February.) Plant in the spring as soon as weather permits. **Prices postpaid. 1 bundle, about 100 plants, 35c; 2 bundles, 60c; 5 bundles, \$1.25; 10 bundles, \$2.15.** Write for prices on crates, 60 bundles.

## PEANUTS

Many home gardeners have been quite successful growing peanuts here at Portland, thus indicating they can be grown successfully in this climate. **Postpaid. Pkt. 2 oz. 15c; 1/2 lb. 40c; lb. 70c.**

# ONIONS

**CULTURE**—A rich loam is best, fertilized with well rotted manure and Commercial fertilizer. Sow seed in February or March if the condition of the ground and the weather will permit. Sow with drill in rows 14 to 16 inches apart; cover half-inch deep. Hoe with wheel hoe as soon as they are up, but do not more than scrape the surface as onions do not stand deep cultivation. Thin them to about 8 plants to the foot. It requires 3 to 4 lbs. of seed to the acre. Onions do well year after year on the same ground.

Seed of the white onions can be planted in the spring, summer or fall for green onions. Those planted in the fall, about September 1st, will produce green onions to winter over for early spring use.

**PRICES**—Unless noted are uniformly:  
**Postpaid.** Pkt. 10c;  $\frac{1}{2}$  oz. 40c; oz. 75c;  
 $\frac{1}{4}$  lb. \$2.00; lb. \$5.50.

**\*IOGLOBE (New)**—An extra fine keeper of high quality. It is claimed that it is one of the best yellow globe types. A vigorous, heavy producer of attractive appearance. **Pkt. 15c;  $\frac{1}{2}$  oz. 45c; oz. 85c;  $\frac{1}{4}$  lb. \$2.10; lb. \$6.25.**

**COLORADO YELLOW SWEET SPANISH No. 6**—A large, heavy yelder in the Sweet Spanish type. Considered a good keeper by comparison; color a little darker than Utah Sweet Spanish. **Pkt. 15c;  $\frac{1}{2}$  oz. 45c; oz. 85c;  $\frac{1}{4}$  lb. \$2.25; lb. \$6.50.**

**\*SELECT OREGON YELLOW GLOBE DANVERS**—One of the main sorts for producing the famous Oregon, long keeping onions. The onions are a rich coppery yellow with rather heavy outer skin. They are large and nearly globe shaped, with small necks. Early, heavy yielding and outstanding for long keeping onions. White flesh with high quality.

**\*DOWNING'S YELLOW GLOBE (Long Keeper Yellow Globe)**—One of the best keeping onions. Brownish yellow exterior, medium large, and fine quality. It has proven very successful here in Oregon as a long keeping, quality onion. It is a cross between Australian Brown and Yellow Globe. Popular in West Oregon.

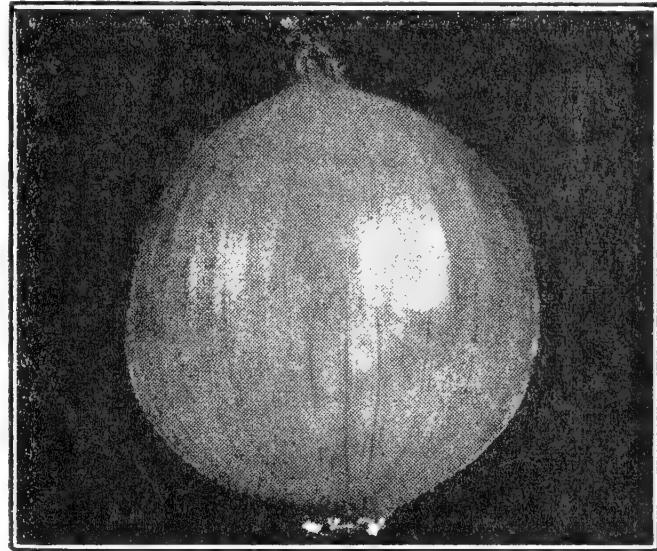
**YELLOW GLOBE DANVERS**—We offer a good strain of this popular old variety. Skin orange yellow; flesh pure white. A good keeper. **Postpaid. Pkt. 10c;  $\frac{1}{2}$  oz. 35c; oz. 60c;  $\frac{1}{4}$  lb. \$1.40; lb. \$4.25.**

**LARGE RED WETHERSFIELD**—Large, flattened onions; purplish red.

**EARLY YELLOW GLOBE**—Considered the best early market onion for either muck or upland soils. It is early, large and a good keeper. Nearly globe shaped; color deep yellow.

**UTAH SWEET SPANISH**—A giant globe shaped yellow onion with small top; mild sweet flesh. This development of the Riverside strain is an outstanding improvement. Growers who have tried it demand it again. More resistant to thrip and the skin does not break as easily as other strains we have tested. We offer a very fine strain, carefully selected. **Postpaid. Pkt. 10c;  $\frac{1}{2}$  oz. 35c; oz. 65c;  $\frac{1}{4}$  lb. \$2.00; lb. \$6.00.**

**RED TORPEDO**—Very large, torpedo shaped onion, usually planted in the fall to winter over for early summer harvest. Flesh soft and very mild. **Pkt. 15c;  $\frac{1}{2}$  oz. 45c; oz. 85c;  $\frac{1}{4}$  lb. \$2.65; lb. \$7.50.**



Onion, Utah Sweet Spanish

**\*WALLA WALLA SWEET**—Large, early yellow onion of mild flavor. Used by growers in Walla Walla territory for fall or early spring planting. A valuable strain of Early Sweet Spanish. Large, mild onions, exceptionally hardy against cold weather, making them ideal for fall planting to winter over for the first crop.

**SOUTHPORT RED GLOBE**—Bulbs large, globe shaped; skin thick, very bright deep purple-red; flesh white with tinge of pink. Excellent keeper.

## WHITE ONIONS

**PRICES**—Unless noted are uniformly:  
**Postpaid.** Pkt. 10c;  $\frac{1}{2}$  oz. 40c; oz. 75c;  
 $\frac{1}{4}$  lb. \$1.75; lb. \$5.75.

**CRYSTAL WAX BERMUDA**—An early white onion, very flat, very sweet.

**WHITE PORTUGAL or SILVERSKIN**—A medium early sort with flattened shape and clear white skin. Extensively planted by gardeners for green onions, pickling and sets, and is quite hardy.

**SELECT SOUTHPORT WHITE GLOBE**—Handsome globe-shaped white onions noted for keeping qualities and heavy production. A fine strain for growing commercial onions.

**WHITE GLOBE**—The regular type of Southport White Globe which we sell mainly for green bunching onions. The long white color is ideal for bunching. **Pkt. 10c;  $\frac{1}{2}$  oz. 35c; oz. 65c;  $\frac{1}{4}$  lb. \$1.50; lb. \$4.25. Not prepaid, 5 lbs. @ \$4.00 lb.**

**WHITE LISBON**—Grown extensively, mainly for green bunching onions. Quite resistant to cold weather.

## WHITE ONIONS—Continued

**LONG WHITE BUNCHING (Evergreen Strain)**—Used for producing green bunching onions. The stems are long and uniform with a large portion of white meat. An oriental strain often used by commercial growers in the Eastern States. Will stand longer than any other kind for green bunching onions. Not good for late summer or fall planting to winter over as it runs to seed early in the spring.

**JUMBO WHITE SWEET SPANISH**—Considerably larger than the regular White Sweet Spanish and valuable where heavy yields are desired. Popular also for dehydration. **Pkt. 10c; oz. 75c; 1/4 lb. \$2.00; lb. \$6.00.**

**WHITE SWEET SPANISH**—Largest white onion. Bulbs globular with small neck, pure white skin and mild flesh.

## ONION SETS

**\*BOTTOM SETS**—Small onions grown from seed planted too thickly to reach mature size. They produce green onions in a short time, or if left to grow they will produce nice, large dry onions earlier than those grown from seed. It is best to use the smallest sets to provide dry onions and larger ones for green onions. **Postpaid. 1/2 lb. 25c; lb. 40c; 3 lbs. for \$1.00. Not prepaid, 5 lbs. @ 30c; 10 lbs. @ 28c per lb.**

**YELLOW MULTIPLIER or SHALLOTS**—Popular perennial that multiplies each year. Desirable for early crops. Brown skin, mild, white flesh. **Postpaid. 1/2 lb. 30c; lb. 55c.**

**EGYPTIAN or TOP SETS**—Popular, old-fashioned perennial onion. Often planted along a fence. Available for green onions most of the fall and spring. It is best to plant them in the early fall; however, they can be set out in the early spring. **Postpaid. 1/2 lb. 35c; lb. 60c.**

**POTATO ONION SETS**—This old-fashioned type of onion sets is very scarce. They are grown very much like shallots and usually planted in the spring. They may be left in the ground year after year or dug and cured in the latter part of August. **Postpaid. 1/2 lb. 35c; lb. 60c.**

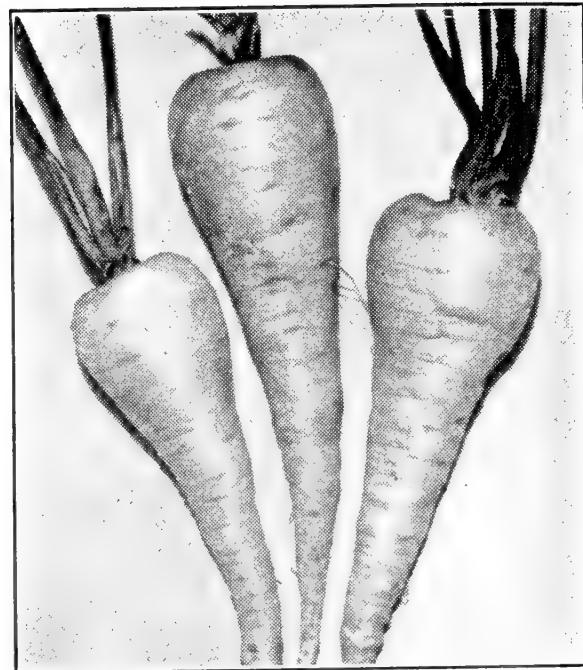
## Parsley

**CULTURE**—Plant in early spring, covering about  $\frac{1}{2}$  to 1 inch deep. Can also be planted up to July 15th with later plantings 1 inch deep.

**TRIPLE MOSS CURLED**—Dark green moss-like leaves. **Postpaid. Pkt. 10c; oz. 20c; 1/4 lb. 50c; lb. \$1.50.**

**PLAIN**—Leaves plain; dark green, deeply cut, but not curled. **Pkt. 10c; oz. 20c; 1/4 lb. 50c; lb. \$1.50.**

**HAMBURG or TURNIP ROOTED**—For flavoring soups and stews. **Postpaid. Pkt. 10c; oz. 25c; 1/4 lb. 75c.**



Parsnip, Gill's Success

## PARSNIPS

**CULTURE**—Same as carrots, except time of planting, which should be about May 1st.

**PRICES (Seed of our own growing)**—**Unless otherwise noted. Postpaid. Pkt. 10c; oz. 25c; 1/4 lb. 65c; lb. \$1.60.**

**\*GILL'S SUCCESS**—Longer roots than the Tender Heart variety and better adapted to market purposes, as it is not so thick at the crown and will bunch better. The smooth, white roots cook tender and sweet.

**\*GILL'S TENDER HEART**—On account of the superior quality of this parsnip, our family has retained this seed annually for over 60 years. Unlike other parsnips, the heart is tender, never tough; roots are smooth, hollow crown, thick and heavy at top, tapering abruptly, making it easy to dig. Crop very short. We are the originator. **Pkt. 10c; oz. 35c.**

**\*HARRIS MODEL**—Quite long, very smooth and white and remarkably free from small roots and prongs. Recommended for market gardeners who wish a long straight parsnip well suited for packing full length in lug boxes.

## POTATOES

We can supply seed of most leading sorts, such as Earliest of All, Early Rose, Netted Gem, Burbanks and White Rose. Write for our current price list, including varieties available.

**PRICES ON SMALL LOTS—Postpaid. 2 1/2 lbs. for 50c.** We do not send potatoes C.O.D. Except for the small lots quoted above, be sure to instruct about shipping. If by parcel post allow for postage.

### REASONABLE PRICES

Our prices are reasonable considering the quality also increases in transportation, labor and other costs.

# GARDEN PEAS

**CULTURE**—Plant as early as the ground can be worked in the spring. Peas will not reach perfection if planted after May 1st, although they will make a fair crop. They should be well rooted before warm weather begins. If planted during February and March, they will mature before the aphids get started. Our Northwest grown seed is acclimated and will give better results. Pea seed planted in winter months should be treated with Semesan. Where peas have not previously been grown on the land it is valuable to use NITRAGIN. For seed treatment we recommend Spergon, if Nitragin is used.

**PRICES**—Unless noted are uniformly: **Postpaid.** Pkt. 10c;  $\frac{1}{2}$  lb. 25c; lb. 40c. **For 4th zone and beyond,** lb. 45c. Not prepaid, lb. 35c; 5 lbs. of one variety @ 32c; 10 lbs. @ 30c per lb. Write for prices on quantities.

## Tall Varieties

**WORLD'S RECORD**—An improved Gradus, being earlier and more dwarf. Darker green pods containing 7 to 9 peas of high quality.

\***SURPRISE**—Very early. Vines 3 feet. Pods  $2\frac{1}{2}$  inches. Fine quality and flavor. Excellent canning variety. Sweeter than Alaska. A small seeded variety.

\***GRADUS**—A large, deep green podded sort, popular with gardeners. It matures extra early and is quite productive.

\***IMPROVED TELEPHONE (Dark Green or Alderman strain)**—Dark green vines and pods. Vigorous growth, 5 to 8 feet tall, producing enormous crops. Pods  $4\frac{1}{2}$  to  $5\frac{1}{2}$  inches long, containing 8 to 11 peas of high quality. Excellent for home gardens, market gardens and shipping. Our strain is prized by market gardeners.

\***THOMAS LAXTON**—An early, medium large podded pea of high quality. Vine 3 to  $3\frac{1}{2}$  feet. Dark green pods  $3\frac{1}{2}$  inches long with 7 to 8 peas. Ideal for market, canning and freezing. Heavy production. Exceptionally sweet and tender. Especially good for freezing.

\***ALASKA**—An extra early, smooth seeded pea. Vines about  $2\frac{1}{2}$  feet tall. Well filled pods of medium size, filled tight with small light green peas. It can also be used for pea soup when ripe.

\***MAMMOTH MELTING SUGAR (Edible pods)**—The large, broad pods are 5 to 6 inches long and are cooked like snap beans. **Pkt. 10c;  $\frac{1}{2}$  lb. 25c; lb. 45c.**

## Dwarf Varieties

\***LITTLE MARVEL**—Superior to the American Wonder with 3-inch pods and of better quality. Very popular.

\***LAXTON'S PROGRESS or IMPROVED LAXTONIAN**—Pods larger than Hundredfold and a few days earlier. Vines medium dark green; pods handsome dark green; peas large and extra sweet. Very popular with home and market gardeners. Extra fine for canning and freezing.

\***IMPROVED STRATAGEM**—Valuable late variety. Ideal for late planting and more resistant to summer heat than any other kind.



Peas, Improved Telephone

## DWARF VARIETIES—Continued

**MORSES' PROGRESS (No. 9)**—A new type of Laxton Progress; popular with market gardeners. Pods slightly larger and maturing a few days earlier than Laxton's Progress. The crop matures very evenly.

**PACIFIC MARKET (No. 40)**—A splendid dwarf variety for shippers and market gardeners. Plants are dark green, stocky and branching, resistant to Fusarium wilt. Pods round, dark green, plump, pointed, curved at tips and containing 8 to 10 large peas of finest quality, suited for market, freezing or canning. Vine 28 inches, pods 5 inches long, average days to maturity 74.

\***GIANT STRIDE**—Heavy yielding; high quality. Pods same size and shape as Alderman. Same season. Vines about 2 feet. Recommended for market and home gardens.

## Succession Pea Collection

We offer the following suited for home gardeners who wish a variety of peas running from early to late. **Postpaid.** **1 Pkt. each.** Little Marvel, Laxton's Progress, Giant Stride, Improved Telephone and Improved Stratagem. Worth 50c for 40c;  $\frac{1}{2}$  lb. each for \$1.05; or 1 lb. each for \$1.75. Add 20c to pound collection, 4th zone and beyond.

## PEPPERS

**CULTURE**—Start plants in a hot bed or in pots in a warm room in February or early March. Transplant to open ground May 10th to 20th, rows 3 feet apart, 2 feet in rows.

**OAKVIEW WONDER**—A week earlier than California Wonder; slightly smaller, but thicker and more symmetrical. It has the same high quality. Yields heavy and very uniform. **Postpaid. Pkt. 10c; 1/2 oz. 60c; oz. \$1.00; 1/4 lb. \$3.00; lb. \$9.00.**

**FLORAL GEM**—Very hot, heavily productive early pungent pepper. Fruit  $\frac{3}{4}$  to 1 inch thick and 2 inches long; bluntly conical; waxy green turning to deep scarlet. **Pkt. 10c; 1/2 oz. 60c; oz. \$1.00; 1/4 lb. \$3.25; lb. \$10.00.**

**CALIFORNIA WONDER**—This fine pepper has the heaviest meat of all. Large, blocky fruit, exceptionally mild and sweet. Fruit mostly upright, crimson, measuring  $4\frac{1}{4}$  inches long by 4 inches in diameter. Season medium. **Postpaid. Pkt. 10c; 1/2 oz. 60c; oz. \$1.00; 1/4 lb. \$3.00; lb. \$8.50.**

**HARRIS EARLY GIANT**—Valuable where season is short; also where ripe, red fruit is desired. Large, sweet peppers on dwarf, upright plants. Deep green, changing to bright red; very mild. Two weeks earlier than California Wonder. **Pkt. 10c; 1/2 oz. 60c; oz. \$1.00; 1/4 lb. \$3.25.**

**AVALON**—New Sweet Pepper. A miniature sweet pepper of even, smooth form, rather button shaped and about 2 inches wide by one inch in diameter. This uniform size and shape makes them ideal for canning, pickling or salads. Fruits bright glossy red, thick and sweet, juicy, crisp and delicious. **Pkt. 15c; 1/4 oz. 85c; 1/2 oz. \$1.50; oz. \$2.50.**

**LONG RED CAYENNE**—Long red peppers; extremely hot. **Postpaid. Pkt. 10c; 1/2 oz. 30c; oz. 50c; 1/4 lb. \$1.60.**

**PIMENTO**—Large plants, erect, prolific. Fruit heart shaped, bright red, thick meat and sweet. **Pkt. 10c; 1/2 oz. 30c; oz. 50c; 1/4 lb. \$1.60.**

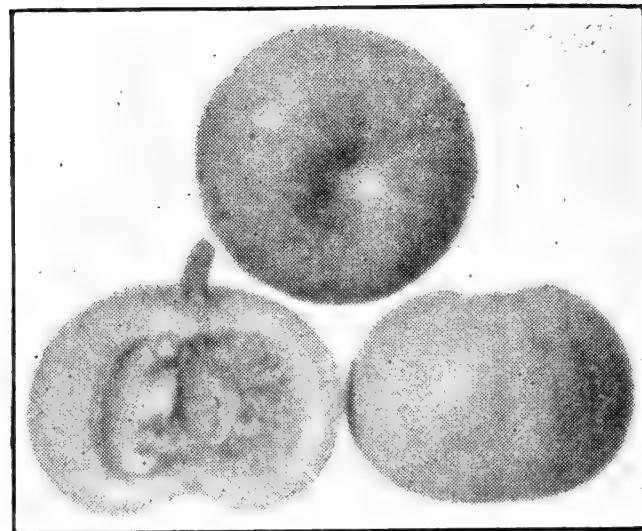
## SWEET POTATOES

**CULTURE**—Set out in rows  $3\frac{1}{2}$  feet apart and 15 inches apart in row, about May 15th to June 20th. Use sandy loam soil in a warm location. Acclimated fresh dug plants are very essential. We do not supply tubers. Each year there is a steady increase in home garden planting of Sweet Potatoes. They are quite easy to grow.

**PRICES ON PLANTS**—Strong, healthy plants of local growth. **Postpaid. Doz. 65c; 3 doz. \$1.35; 100 for \$2.25.**

**NANCY HALL**—Produces good sized tubers of medium length and quite thick in diameter. The flesh is of a rich orange color and very sweet. It is more like a yam than a sweet potato.

**PORTO RICO**—A large, reddish skinned sort. Strong, vigorous grower, producing heavy crops.



Pumpkin, Orange Winter Luxury

## PUMPKIN

**CULTURE**—Plant May 10th to 20th in rows 8 feet apart and 6 feet in the row, about 8 to 10 seeds to hill, thinning to two good plants. Turn vines with the row to permit cultivation. Use 200 pounds Land Plaster to the acre, plowing it in; also 750 to 1000 pounds 5-10-10 Fertilizer.

**PRICES**—Unless noted are uniformly: **Postpaid. Pkt. 10c; oz. 25c; 1/4 lb. 65c; lb. \$1.60.**

**\*ORANGE WINTER LUXURY**—This improved strain of our own introduction is far better than the original. The skin, a rich golden orange, is covered with a fine netting, while the meat is very thick, fine grained and of rich golden yellow. It is by far the best pumpkin. Simply cook it done and it is ready for use in making pies. It requires less sugar and eggs than other varieties. Extra early and of medium flattened shape. A splendid keeper that has no equal in quality or appearance. Seed of our own growing.

**CHEYENNE BUSH**—A new variety of bush growth. This is valuable for home gardens where space is important. A little smaller than Winter Luxury but without nettings. It produces 3 or 4 rich, golden pumpkins right around the crown of the plant. Fine quality. **Pkt. 15c; oz. 35c; 1/4 lb. 85c; lb. \$2.50.**

**DICKINSON**—Large, somewhat irregular in shape, tan colored with extremely thick orange red flesh. Commercial canners consider it about tops. It is of outstanding high quality.

**CONNECTICUT FIELD or JACK O'-LANTERN**—The common field pumpkin grown for stock feeding and Jack o'Lanterns. Rich, orange colored skin.

**SMALL SUGAR**—Rather round fruit of small size, 5 to 7 inches in diameter. Smooth skin of bright orange color. Fine quality for pies. Early maturity.

**KING OF MAMMOTH**—A giant, often weighing 200 pounds; suited for feeding and exhibition.

See Special bargains inside of back Cover.

# RADISH

**CULTURE**—Radish can be planted almost the year around, except during cold weather months. They can be planted in the fall as late as October 15th. They are then available during winter months.

**PRICES**—Unless noted are uniformly:  
Postpaid. Pkt. 10c; oz. 20c;  $\frac{1}{4}$  lb. 40c;  
lb. \$1.00. Write for prices on larger quantities.

**PERNOT (The Fire Cracker Radish)**—A wonderful new radish that is very striking in color. A slender radish about 3 inches long, bright red with a distinct white tip. It is very early and of fine flavor. Ideal for home or market. Pkt. 10c; oz. 25c;  $\frac{1}{4}$  lb. 55c; lb. \$1.25.

**HALF LONG RED WHITE TIPPED**—A long radish of soft red, tipped white. Exceptionally mild and fine flavored. This radish was imported from Europe and is especially valuable for home gardeners. Early maturity.

**CHERRY BELLE**—New. All America. Bronze Medal '49. Attractive cherry red and very brilliant. Crisp, round radishes that keep well without going pithy. Top rather short making it ideal for planting outside for summer crops, also for forcing inside. Pkt. 15c; oz. 25c;  $\frac{1}{4}$  lb. 55c; lb. \$1.25.

**COMET**—Ball shaped, bright scarlet; small tap roots. Splendid quality. Will remain crisp and solid when other early radishes have become pithy. Very popular with home and market gardeners.

**SPARKLER WHITE TIP**—The lower third is white with bright red on upper portion. Popular for home use and market gardeners.

**EARLY SCARLET GLOBE**—Medium tops. Beautiful scarlet globe-shaped radish, of quick maturity and exceptionally fine flavor. Very fine market sort.

**CAVALIER**—A forcing type of Scarlet Globe; very popular with gardeners.

**BICOLOR**—Similar to Sparkler, but the upper half is bright red and the lower half white. Very attractive.

**CRIMSON GIANT**—A crimson, turnip-shaped radish that combines large size with superior quality. Popular for late spring and summer use.

**WHITE ICICLE**—A splendid white radish of long shape and with mild flavor. Very popular.

**PHILADELPHIA WHITE BOX**—Medium early. White variety for forcing or outside. Round roots, crisp and mild.

## Salsify (Vegetable Oyster)

**MAMMOTH SANDWICH ISLAND**—A good sort and most generally planted. Cultivate same as carrots. Postpaid. Pkt. 10c;  $\frac{1}{2}$  oz. 30c; oz. 50c;  $\frac{1}{4}$  lb. \$1.25; lb. \$3.75.



New Radish, Cherry Belle

## Winter Radish

**Prices** same as uniform prices at top of opposite column.

**SCARLET CHINA**—Roots of bright scarlet color. Fine quality. Sow in late August for winter use.

**WHITE CHINESE**—Long, white, stump rooted radish, solid, crisp and mild.

## Oriental Radish

**NERIMA**—Often grows 15 to 18 inches long and  $1\frac{1}{2}$  to  $2\frac{1}{2}$  inches in diameter; skin pure white. They can be dug and covered with soil, keeping throughout the winter. Sow in rows  $2\frac{1}{2}$  feet apart about August 1st and thin to one foot apart. Plant in rich, well-drained soil. Pkt. 15c;  $\frac{1}{2}$  oz. 35c; oz. 60c;  $\frac{1}{4}$  lb. \$1.65; lb. \$4.50.

## Radish Collection

We will mail one packet of each of the 11 varieties of radish listed on this page plus the 2 varieties of winter radish listed above, worth \$1.35 for 85c; postpaid.

## Rhubarb Seed

**CRIMSON WINTER**—Early and long bearing. Fine flavor. Transplant when roots are large as a pencil. Rhubarb seed will not always produce plants true to type. Postpaid. Pkt. 15c;  $\frac{1}{2}$  oz. 65c; oz. \$1.15;  $\frac{1}{4}$  lb. \$3.50.

# SPINACH

**CULTURE**—Sow in drills 16 to 20 inches apart, thin to 3 inches. For early use, sow in the fall, or sow in early spring for late spring or summer use. Fine fall spinach can be grown by planting seed August 20th to September 1st, and winter spinach can be planted until October 15th.

**PRICES**—Unless noted are uniformly: **Postpaid.** Pkt. 10c; oz. 20c;  $\frac{1}{4}$  lb. 35c; lb. 85c. **Not prepaid,** lb. 70c; **10 lbs. @ 65c** lb. Write for prices on quantities.

**GIANT CAVALLIUS**—A giant from Denmark, valuable for greenhouse culture; also for outside planting during late fall or winter in mild climates near the coast. It is claimed to produce 3 to 6 times more than standard varieties. In greenhouses it develops its greatest production during a maximum day length of 10 to 11 hours. The plants are tall with smooth leaves of bright green color. It grows rapidly and has splendid cooking qualities. If planted during spring and summer it will grow about like ordinary spinach. Therefore it should be planted in greenhouses for growth during the dark winter months. This is also true of outside culture in localities suited for it. Prickly seeded. **Pkt. 15c; oz. 50c;  $\frac{1}{4}$  lb. \$1.25; lb. \$3.00.**

**ADVANCE**—A new giant from Holland. Large heavy leaves of dark green. Ideal for home or market. Prickly seeded. **Pkt. 10c; oz. 25c;  $\frac{1}{4}$  lb. 45c; lb. 90c.**

**\*GIANT LEAF**—The largest and the most productive of any sort we have tried. Plants 20 inches across are not uncommon on good soil. The leaves are simply immense and deep green. Very heavy, brittle and tender. It is very slow to run to seed and is especially valuable for spring, summer and fall cutting.

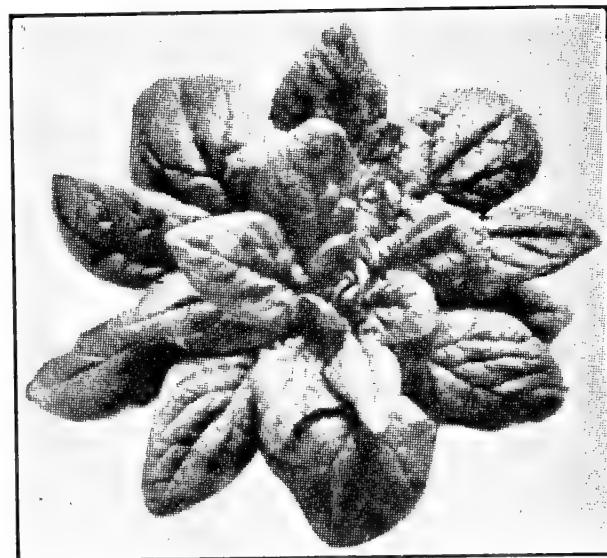
**\*NORTHLAND**—A dark green selection out of Giant Leaf. It has all the good characteristics of that variety and in addition, a darker color.

**\*IMPROVED THICK LEAF or VIRO-FLAY**—This variety is very popular and we have a fine strain of seed. The leaves are broad and smooth and of medium deep green. It will stand more cold weather than any other sort and is very popular for fall sowing and early spring.

**\*LONG STANDING SAVOY**—Early, with upright crumpled leaves. Slow bolting.

## New Zealand Spinach

A good summer vegetable which resists the heat and can be cut throughout the season. Plant seed after the ground becomes warm. It differs in appearance from the regular spinach but is prepared in the same manner. **Postpaid. Pkt. 10c; oz. 25c;  $\frac{1}{4}$  lb. 65c; lb. \$1.50.**



Giant Leaf Spinach

## Rapa

An Italian vegetable valuable for greens. Sow broadcast in mid-August for early fall use. Sown in mid-September, it provides fine greens very early in the spring. Foliage resembles turnips. The young, tender leaves surround a small head of fine, deep green buds. Both are cut for greens. If you like turnip greens, you will be pleased with this. Very nutritious and easy to grow. **Pkt. 10c; oz. 30c;  $\frac{1}{4}$  lb. 85c; lb. \$2.50.**

## RUTABAGA

**CULTURE**—Sow in drills, 3 feet apart; thin to 6 inches apart. May be planted from June 15th to July 15th. The later sowings produce the best quality. Can be sown broadcast in mid-July.

**IMPROVED PURPLE-TOP YELLOW (Regular Strain)**—Produces smooth, globe-shaped roots of good size. Flesh deep yellow and fine grained. **Postpaid. Pkt. 10c; oz. 20c;  $\frac{1}{4}$  lb. 40c; lb. \$1.25.**

**\*GOLDEN NECKLESS (With purple tops)**—Similar to the above except it is short necked like a turnip. Exterior skin golden yellow under ground with high quality yellow flesh. Our strain is very popular with market gardeners to whom we supply large quantities of seed. **Postpaid. Pkt. 10c; oz. 20c;  $\frac{1}{4}$  lb. 40c; lb. \$1.25.**

**LAURENTIAN**—A new neckless type. Roots purple topped, clean, well shaped; skin thick and a good keeper. Flesh light yellow or cream color, fine grained and excellent quality. **Pkt. 10c; oz. 20c;  $\frac{1}{4}$  lb. 35c; lb. \$1.00.**

### SEEDS SMALL PART OF COST

Why prepare and cultivate a garden with the cheapest seed? A few cents additional in cost of seed may spell the difference between success and failure. Our vegetable seeds are very popular with market gardeners. Cheap seeds are usually dear at any cost. Yet, with all, our prices are reasonable and still maintain quality.

# SQUASH---Winter Type

**CULTURE**—Plant from May 10th to 25th in rows 10 feet apart, spacing hills 3 feet apart, using 8 to 10 seeds to the hill. Thin to one or two strong vines. Sow 200 pounds of land plaster to the acre and plow in. Write us for our squash Bulletin. Use plenty of fertilizer.

**PRICES—Unless noted: Postpaid. Pkt. 10c; oz. 25c; 1/4 lb. 75c; lb. \$2.00.**

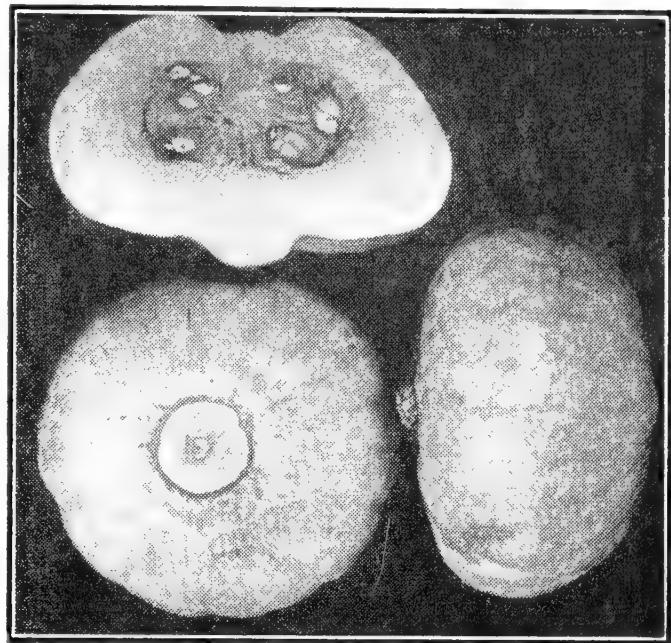
**\*SWEET MEAT**—Reports are coming from all over the Nation commanding this new squash. Many report it as the best squash yet introduced. We have no hesitation about featuring this new squash. Its name tells part of the story, for it is the sweetest squash we have ever seen and it is also the longest keeper. We kept six squash in good edible condition from crop to crop. The texture of the meat is very fine grained and as sweet as the finest sweet potato. The meat is very thick, making a squash surprisingly heavy. They are not very large, being of a good family size, and averaging about 8 to 12 pounds each. They are shaped like the turban type but the indentation or knob at the blossom end is smaller than most of the turban type. The color is slate with slight greenish cast. The variety is well fixed in type except for the seed color. They are mostly white but occasionally we find squash with amber colored seed. We see no difference in the character, color or quality and either color is equally good. We separate the colors when the seed is harvested. Market gardeners who prefer white seed may note it on their order.

An unusual feature is its long keeping qualities and also the fact the flavor and sweetness increase with age for at least six months from harvest. It is a very vigorous grower and unusually free from disease. The squash are very uniform in size, color and shape. We have received more recommendations for this than for any variety we ever handled. Its high quality is winning great favor all over the nation. **Pkt. 15c; 1/2 oz. 30c; oz. 50c; 1/4 lb. \$1.35; lb. \$3.50.**

**\*UMATILLA MARBLEHEAD**—Selected by the Eastern Oregon Experiment Station for resistance to blight. It is very uniform in shape and color and a very heavy producer of large, thick meated squash. The meat is golden yellow and of fine quality. The squash are rather oblong and often weigh 30 to 40 lbs. each. The seeds are yellow brown. **Postpaid. Pkt. 10c; oz. 35c; 1/4 lb. \$1.00; lb. \$3.00.**

**BUTTERNUT**—A new squash suited for winter use. 10 to 12 inches long with thick orange colored flesh of fine table quality. Do not confuse with Buttercup. Small seed cavity in one end of the long, pear-shaped squash. **Pkt. 15c; oz. 40c; 1/4 lb. \$1.00; lb. \$2.85.**

**GOLDEN HUBBARD**—Orange red Hubbard type but earlier and smaller; fine quality.



New Squash, Sweet Meat

**BUTTERCUP**—A small turban shaped squash weighing about 3 to 4 lbs. Rind thin and tough, dark green with narrow gray stripes. Adapted to home gardens; a very good keeper. **Pkt. 15c; oz. 40c; 1/4 lb. \$1.00; lb. \$2.75.**

**\*GILL'S GOLDEN DELICIOUS**—We take great pride in offering this remarkable squash of our own origin. This variety and Sweet Meat excel for quality. However, these two varieties have different flavors. It is the finest squash for pie, and when picked young as a summer squash its quality is outstanding. The flesh and skin are a rich golden orange with no trace of green near the rind. The flesh is two to three inches thick. It cooks extra dry, fine grained and sweet. Many of our friends say, "It is better than a sweet potato." The skin is thin without a hard shell, but it is a fine keeper for winter use. On account of its high quality and attractive color, it has created a sensation with canners and freezers and those who tested it claim it has the highest starch content of any variety they have tried. It grows very vigorously and produces heavy crops. We are continually improving this variety.

**GILL'S GOLDEN TABLE QUEEN**—A golden strain which we have selected and developed out of Table Queen. Thicker meated, better quality and more attractive for table use when baked. Also delicious used as a summer squash when the fruits are 2 in. to 2 1/2 in. long.

**\*BLUE HUBBARD**—Superior quality, great production and attractive appearance make this a favorite, especially in New England. Thick flesh; very hard blue-gray rind, weight 12 to 15 pounds.

## WINTER SQUASH—Continued

**\*TABLE QUEEN or ACORN**—A miniature squash growing about 7 inches long and 4 to 5 inches thick. Thin skin of dark green; early maturing. Desirable for home and market garden, also for shipping. It is hard to secure well fixed types of this variety, therefore, we have made selections for many years and offer one of the best strains to be had. We have a large trade with market gardeners who ask for our strain. Seed of our own growing.

**DELICIOUS**—An extra sweet, fine-grained, dry cooking squash. Medium size, top shaped with greenish-black skin; flesh very thick, orange colored and with small seed cavity.

**BANANA**—This squash is in great demand and we have a very fine strain. The exterior of the skin is grayish-green color, while the meat is a rich orange. The average size is from 24 to 30 inches in length and 8 inches in diameter. It is claimed to be resistant to blight.

**RED BANANA**—Same as above except the skin is reddish orange.

**\*TRUE HUBBARD**—Selected strain, and while we do not consider it equal to Delicious in flavor, it is a heavier yielder and better known in the market. We have a true stock of seed carefully selected for color, shape, and quality.

**\*YAKIMA MARBLEHEAD**—Large slate colored variety of fine quality. It produces heavy yields of thick meated squash. Popular shipping variety.

**\*JUMBO TABLE QUEEN**—About one-fourth larger than the Table Queen but of like shape and quality.

**\*BABY HUBBARD**—They average about 6 to 8 pounds. Well suited for crating and popular for home gardens. Fine quality and good keepers. Nearly round in shape. **Postpaid. Pkt. 10c; oz. 25c; 1/4 lb. 75c; lb. \$2.50.**

**BOSTON MARROW**—Orange colored squash of large size used by canners.

## Tampala

**TAMPALA (Regular)**—A new green vegetable, the leaves of which are used like spinach. It retains its tenderness for a long period and is suited for warm weather. It can also be used as a fresh salad. The leaves have more body, more flavor and more food value than spinach. It should be planted in fairly warm weather. **Postpaid. Pkt. 10c; 1/4 oz. 35c; oz. \$1.00.**

**RED TAMPALA**—Same as above except that foliage has a red tone. **Pkt. 15c; 1/4 oz. 75c; oz. \$2.25.**

Squash are an important specialty with us.

## SUMMER SQUASH

**PRICES**—Unless noted are uniformly: **Postpaid. Pkt. 10c; oz. 25c; 1/4 lb. 60c; lb. \$1.65.**

**CASERTA (All-America Gold Medal, 1949)**—From one to two weeks earlier than Cocozelle and much more prolific. Bush form. Skin color is more yellow and less regularly striped green than the Cocozelle. Its principal values are earliness and quality. **Pkt. 15c; oz. 35c; 1/4 lb. \$1.00; lb. \$2.85.**

**YANKEE HYBRID**—This hybrid cross is similar in appearance to Early Prolific Straightneck but is extra early. Market gardeners are using it with fine success. **Postpaid. Pkt. 15c; 1/2 oz. 40c; oz. 75c; 1/4 lb. \$2.00; lb. \$6.00.**

**ZUCCHINI (Italian Squash)**—It should be used quite young, when 3 to 6 inches long. The color is mottled deep green.

**BLACK ZUCCHINI**—Like Zucchini, except that it is of much darker green.

**COCOZELLE or ITALIAN MARROW**—Dark green when young, changing to lighter green as it matures. One of the earliest kinds and of high quality.

**GIANT SUMMER CROOKNECK**—Grows larger than the common sort. Golden yellow and thickly warted.

**EARLY SUMMER CROOKNECK**—Smaller, earlier and much more prolific than Giant Crookneck. Deeper gold color.

**GIANT SUMMER STRAIGHTNECK**—A selection from the Crookneck strain. More uniform thickness and packs better. Well warted and good quality.

**MAMMOTH WHITE BUSH SCALLOP**—Early; large, pure waxy white skin; somewhat flattened in shape.

**BENNING'S GREEN TINT BUSH SCALLOP**—Uniform, prolific squash of pale green, favored in the markets.

**EARLY GOLDEN PROLIFIC STRAIGHTNECK**—The fruits are of medium size or smaller than the Giant Straightneck but the color is a little deeper golden. The plants are much more productive than Giant Straightneck and about 10 to 15 days earlier.

## Sunflower

**MAMMOTH RUSSIAN**—This is one of the heaviest yielders and produces extra large heads, well filled with large, plump seed. **Postpaid. Oz. 10c; lb. 50c. Not pre-paid, lb. 45c; 10 lbs. @ 40c lb. Subject to market changes.**

## Tobacco

**CONNECTICUT SEED LEAF**—The earliest maturing sort for the Northwest. **Pkt. 15c; 1/2 oz. 50c; oz. 90c.**

**WHITE BURLEY**—Long, broad leaves. Very prolific. **Pkt. 15c; 1/2 oz. 50c; oz. 90c.**

# TOMATOES

**CULTURE**—Plant Seed in box inside or in hotbed from February 15 to March 15. Transplant May 10 to 25; rows 6 feet apart and 4 to 6 feet in rows; use light, loamy soil, well cultivated and fertilized.

**PRICES—Unless noted are uniformly:**  
**Postpaid. Pkt. 10c; 1/2 oz. 45c; oz. 85c;**  
**1/4 lb. \$2.10; 1b. \$6.75.**

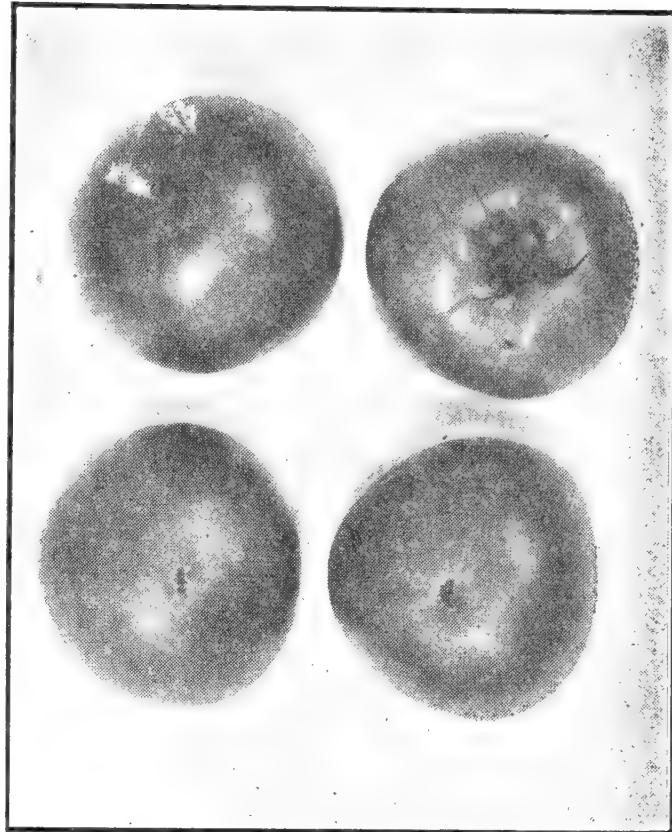
**\*GILL'S ALL-PURPOSE**—Our 1947 introduction and originated by Gill Bros. This grand new tomato is just like its name implies and is fine for all the main purposes. Field trials indicate that this variety produces its main crop as early as Select Earliana. Ideal for canning or juice, also splendid for home gardens and market gardens. It is a cross between Wasatch Beauty and the Pepper tomato and retains the best qualities of both. Outstanding for yield, appearance, quality, packing, disease resistance and flavor. It produces heavy yields of large, uniform fruit on self-terminate vines. The fruit is bright red, possessing the solid, deep red interior of the Pepper tomato and with its fine flavor. On account of its excellent flavor and solid meat it is ideal for slicing. Fruit free from large cores and of half globe shape as shown in the illustration. The blossom ends of the fruit are ideal and free from so-called "monkey faces." Vines vigorous and healthy and unusually resistant to disease. Fruit of large size, but not as large as the Wasatch Beauty. They pack well and stand shipment better than most sorts. We urge you to try this variety. **Pkt. 15c; 1/4 oz. 80c; 1/2 oz. \$1.50;**  
**oz. \$2.35; 1/4 lb. \$6.50; 1b. \$15.00.**

**VICTOR**—An extra early variety with self topping vines which are rather small and suited for home gardens. Heavy cropper of medium sized fruit. **Pkt. 15c;**  
**1/4 oz. 40c; oz. \$1.25; 1/4 lb. \$4.00.**

**\*JUBILEE**—Originated by W. Atlee Burpee and awarded Bronze Medal in 1943 all-America trials. Large globe-shaped fruit of deep orange color. The flesh is very solid, deep orange in color and of fine flavor. Good for slicing, canning or juice. This variety has attained rapid popularity. Selected seed of our own growing. **Postpaid. Pkt. 15c; 1/2 oz. 75c; oz. \$1.25; 1/4 lb. \$4.00.**

**\*SEATTLE BEST OF ALL**—This strain has been developed by a Seattle market gardener who started his selections from the Best of All greenhouse variety. It is larger and more productive than the original and is suited for either greenhouse or open field culture. The fruit, borne in clusters of 6 to 9, are very uniform and of bright scarlet red color. Exceedingly heavy yields. Seed of our own growing. **Postpaid. Pkt. 10c; 1/2 oz. \$1.00; oz. \$1.65; 1/4 lb. \$4.50; 1b. \$12.50.**

**JOHN BAER**—Extra early, large, bright scarlet fruit, smooth and firm. Extra heavy producer. Ideal for market.



**Tomato, Gill's All-Purpose**

**\*GILL'S SELECTED EARLIANA**—For years we have given personal selection to this strain and believe we now have the largest and smoothest Earliana tomato yet offered. The fruit is of bright deep red color, rather thick from stem to blossom and unusually solid. Owing to the fact that it is a shy seeder we must ask more for the seed than other sorts. Do not confuse this with the ordinary strains of Earliana. Reports from large growers claim this is the best strain of Earliana they have tried. Also reports from hot climates indicate it is unusually successful, one grower picking continuously from July until November, storing green ones then for December supplies. This is made possible by a minimum of cracked fruits. Do not fertilize with any kind of manure in growing Earliana strains. It will produce rough fruit. Use 3-10-10 fertilizer. **Postpaid. Pkt. 10c;**  
**1/4 oz. 25c; oz. 90c; 1/4 lb. \$2.75; 1b. \$8.50.**

**\*HILL SELECTED EARLIANA**—Saved from special plants marked in the field. **Postpaid. Pkt. 25c; 1/4 oz. \$1.25; 1/2 oz. \$2.25; oz. \$4.00.**

**PEAR TOMATO**—Popular for preserves and matures heavy yields quite early. We offer both red and yellow.

**SAN MARZANO (Italian Paste Tomato)**—For preserves, puree and solid pack canning. Two celled fruit 3 1/2 in. long and 1 1/2 in. thick. Color deep red; very little juice and mild in flavor. **Pkt. 15c; 1/4 oz. 40c; oz. \$1.25; 1/4 lb. \$3.75.**

**BEEF STEAK**—Large, bright red type of Ponderosa. **Pkt. 10c; 1/4 oz. 35c; 1/2 oz. 65c; oz. \$1.00; 1/4 lb. \$3.25.**

**EARLY CHATHAM (Certified)**—Extra early; bright red fruit of medium size on rather small plants. The branches terminate in dense clusters of fruit. The heavy production on small plants make it ideal for home gardens of limited space. **Pkt. 15c; 1/4 oz. 45c; oz. \$1.25; 1/4 lb. \$4.00.**

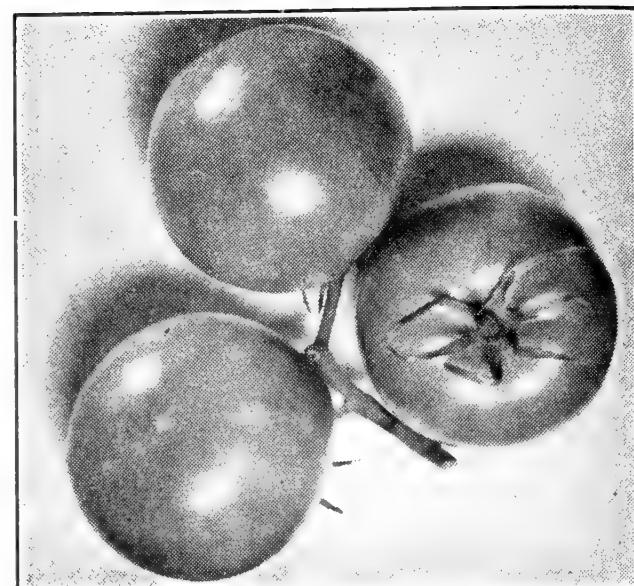
**VALIANT**—This variety is becoming very popular with market gardeners. A half-brother of Stokesdale, it develops a deep Marglobe type tomato and ripens within 3 days of Earliana. It is 4 days earlier and often 2 ounces heavier than Stokesdale. A valuable tomato for market. Our sales have steadily increased on this variety. **Postpaid. Pkt. 10c; 1/4 oz. 45c; oz. 85c; 1/4 lb. \$2.75; lb. \$8.25.**

**\*IMPROVED PEPPER TOMATO**—We have selected this for several reasons and now have heavy yields of large, smooth fruit, ideal for market. It is very resistant to rain cracks, practically every fruit is smooth, generally of near globe shape, and they are exceptionally solid, containing very little seed. The fruit is red with a pink tone and the sweetest of any we have tried, being unusually free from acid. Ideal for tomato juice and by far the best for slicing. Every year this variety has gained rapidly in popularity. Many home gardeners will have nothing else. **Postpaid. Pkt. 10c; 1/4 oz. 35c; 1/2 oz. 60c; oz. \$1.00; 1/4 lb. \$3.50.**

**\*IMPROVED WASATCH BEAUTY**—In 1939, we introduced this remarkable tomato and we have improved it each year. It is early in maturity and very heavy bearing. The branches terminate in a cluster of fruit, making a compact plant and more plants may be set per acre. The fruit is half globe shaped, firm and smooth; a beautiful red color, and borne in clusters of three to six good sized tomatoes. It is an especially good shipping and canning variety. Both market and home gardeners should try this outstanding tomato. One of the best producers for commercial canning. **Postpaid. Pkt. 10c; 1/4 oz. 60c; 1/2 oz. \$1.00; oz. \$1.60; 1/4 lb. \$4.00; lb. \$12.00.**

**\*PORTER TOMATO (New)**—A very sweet little tomato of pinkish red color. One tomato is a mouthful and can be eaten without getting juice on clothing. It is ideal for lunches and munching between meals. A heavy cropper and little subject to cracking. Round globe shape and very uniform. Diameter about  $\frac{3}{4}$  to 1 inch. **Pkt. 15c; 1/4 oz. \$1.00.**

**MONTEZUMA**—Fruit of inviting flavor; very large, flat, purplish pink, somewhat rough; solid with small seed cells. Matures rather late. **Pkt. 10c; 1/4 oz. 35c; 1/2 oz. 65c; oz. \$1.00; 1/4 lb. \$3.25.**



Improved Pepper Tomatoes

**EARLY HYBRID**—A new hybrid of early mid-season, or 70 days. A main crop tomato well suited for home gardens, markets or canning. Earlier and better yielding than Marglobe or Rutgers; quality and flavor outstanding. Fruit globular, very smooth, medium to large size, scarlet red in color. High yielding from mid-July to frost. It has outstanding keeping qualities and is free from hard cores. Free from tough skin but with good solid flesh. It ripens evenly and holds up very well. **Pkts. of 35 seeds 35c; 1/16 oz. \$2.00.**

**\*WASHINGTON FORCING**—This new forcing tomato was originated by the Washington State Experiment Station and our seed was started from seed supplied from that station. Fruit medium large, sub-acid and fiery red. The fruit ripens with even color from blossom end to stem. Growth habit is similar to Seattle Best of All but fruit average about 50% larger. **Pkt. 25c; 1/8 oz. 70c; 1/2 oz. \$2.50; oz. \$4.00.**

**THE PRITCHARD, CERTIFIED (Scarlet Topper)**—In earliness similar to Break O'Day. Exterior and interior color intense scarlet. Fruit of half globe shape and very solid. A tremendous cropper and very popular with market gardeners.

**STOKESDALE**—An outstanding variety, very popular with growers for local markets and shipping. Matures along with Bonny Best. Bright red fruit that is smooth and uniform.

**RUTGER'S**—Notable for high yield and uniform ripening of medium to large fruits of fine quality. Shape similar to Marglobe. Especially recommended for commercial canning and juice.

**SCARLET DAWN**—An early variety with medium vines, very prolific. Medium large fruit, smooth, globular; attractive bright scarlet. Fine quality and flavor.

**PEARSON**—Scarlet fruit of medium size and smooth flattened globe shape. Vine self-topping; plants vigorous. Season medium late. A good shipper.

**COLORADO SPECIAL**—A new large strain of Earliana. It has performed very well for market gardeners. Uniform, smooth fruit maturing early. **Pkt. 15c; 1/2 oz. 50c; oz. 90c; 1/4 lb. \$2.75; lb. \$8.00.**

**BREAK O'DAY**—Ten to twelve days earlier than Marglobe. Solid fruit of bright scarlet; very few seeds. Wilt resistant. Desirable for home canning. Outstanding in flavor and next to Improved Pepper in sweetness.

**MASTER MARGLOBE (Certified Seed)**—A very popular market and shipping tomato. Average weight 6 ounces, ratio depth to width 90%. A second early, thick meated, bright red tomato.

**BONNY BEST**—We carry an extra fine strain of this early variety. Medium sized, uniform fruit of bright scarlet.

**SUGAR or GRAPE TOMATO**—Fruit the size of a Concord grape, set thick in long clusters. Very ornamental and good for preserves. **Pkt. 15c.**

**GROUND CHERRY**—Prized for preserves, pies or sauce. Will keep into the winter. Fruit yellow. **Pkt. 10c; 1/4 oz. 40c; 1/2 oz. 65c; oz. \$1.00.**

## TURNIPS

**CULTURE**—Sow broadcast from August 1 to September 1 for late turnips. Milan varieties can be sown as late as October 1.

**PRICES—Unless noted: Postpaid. Pkt. 10c; oz. 20c; 1/4 lb. 45c; lb. \$1.25.**

**EXTRA EARLY PURPLE TOP MILAN**—Among the earliest; roots flat, white with purple top. The best for early planting and late fall sowing. **Postpaid. Pkt. 10c; oz. 25c; 1/4 lb. 65c; lb. \$1.50.**

**WHITE MILAN**—Extra early; tops small; roots medium small, white, flat and of fine quality. **Pkt. 10c; oz. 25c; 1/4 lb. 65c; lb. \$1.50.**

**EARLY SNOWBALL**—An extra early, round turnip, snow white, and crisp.

**POMERANEAN WHITE GLOBE**—Good either for stock or table and resists the worms the best. Splendid keeper.

**\*PURPLE TOP WHITE GLOBE**—The best all-around turnip for fall and winter use. Its beautiful color, pure white with purple top, combined with its smooth globe shape, fine sweet flavor and its wonderful productiveness put this turnip in the top class for market or home use.

**WHITE EGG**—Pure white, egg shaped, early. Often used for bunching.

**COW HORN**—A large, long-rooted, white turnip for feeding purposes.



Turnip, Purple Top White Globe

**SHOGOIN (Foliage Turnip)**—An oriental variety, very popular for greens. The leaves grow upright about 2 feet high. Roots semi-globe, pure white, tender and sweet.

## Yellow Fleshed Turnips

**PETROWSKI**—Extra early, flat turnip of rich golden color. The flesh is light orange and of fine quality. This fine old variety is a very good keeper. You will like this fine turnip. **Pkt. 10c; oz. 25c; 1/4 lb. 65c; lb. \$1.50. Postpaid.**

**\*ORANGE JELLY or GOLDEN BALL**—The best yellow sort for market or family use. Roots medium sized, round and smooth, with yellow skin and flesh. One of the best for winter keeping.

**PURPLE TOP YELLOW ABERDEEN**—Extensively grown for stock feeding. Good keeper.

**YELLOW BORTFELDER**—A heavy cropping, long keeping variety; very popular for dairy feed.

## Hotkaps



Hotkaps protect growing plants, increase yields, mature crops 2 to 3 weeks earlier; insure premium prices. Order now. **Prices pre-paid: Pkg. 25 for \$1.00; 100 for \$3.25; 250 for \$6.00. Not pre-paid: 1000 for \$17.35. Weight 33 lbs. Write for prices on quantities.**

## Cyclone Seeders

Small crank seeders; sows any kind of seed; adjustable. **Postpaid to and including 4th zone: \$4.55. Extra postage beyond.**

## Field Seeds

We are located in the Willamette Valley, Oregon, where many varieties of field seeds are grown. We handle high grade seed and will be glad to send you our current price list anytime. Prices are subject to change at all times and F.O.B., Portland, Oregon. In case you need field seeds in a hurry send in the amount and we will fill your order at the current price. In ordering, please give shipping instructions.

# HIGH GRADE LAWN GRASS

WRITE FOR PRICES ON QUANTITIES. We supply grasses for golf courses and other large plantings. We will gladly quote you. All prices quoted are subject to market change without notice.

**Prices marked postpaid apply up to and incl. 4th zone, beyond which send additional.**

We specialize in high-grade lawn grass seed. During the past few years, we have supplied lawn seed for some of the largest institutions in the Pacific Northwest. Whether it is a small lawn or a large one, we can supply the seed and we will be glad to quote you for quantities either on mixtures or separate grasses. Many of the lawn grass mixtures on the market contain rye grass seed. We consider rye grasses too coarse and too rapid of growth to be included in mixtures and therefore do not use them in our mixtures. In estimating the ground to be planted figure on one pound to 300 square feet of surface. If interested in lawns, write for free bulletin on "Lawn Culture" by Ray W. Gill.

In Western Oregon, Washington and California, September and October are ideal for sowing lawns. There is more moisture and annual weeds are killed by winter frosts. Be careful to plant early enough so that the roots will be established before hard frost might lift and break off the young roots.

**GILBRO SPECIAL**—This super mixture is composed of the finest bladed grasses which are selected on account of their great endurance. It will make a soft velvety lawn of uniform texture and appearance. All varieties in this mixture tolerate acid soils, thus they respond rapidly with acid fertilizers which in turn reduce the weed menace. We have many reports from our customers, who are highly pleased with this mixture. It is adapted to shade or sun. If white clover is desired in the mixture please mention when ordering. This mixture contains 30% creeping bent, making it necessary to ask the following prices: **Postpaid. Lb. \$1.40. Not prepaid, 5 lbs. or more @ \$1.35 per lb.**

**PACIFIC COAST LAWN MIXTURE**—Climatic and soil conditions have much to do with the selection of varieties in lawn mixtures. This mixture is especially adapted to locations along the Coast and West of the Cascade Mountain range. It contains varieties which will respond in soils which are somewhat acid due to heavy winter rains. It is a very good mixture made from high grade grasses. It does not contain any rye grasses. It makes a hardy, fine-bladed turf well suited to the average soil. If white clover is desired in the mixture please specify when ordering. **Postpaid. Lb. \$1.20. Not prepaid, 5 lbs. or more @ \$1.15 per lb.**

**SWEET SOIL LAWN MIXTURE**—We have become convinced of the advantage of having a high grade mixture of lawn grasses for soils that are sweet or rather alkaline. We offer here a good mixture of fine bladed grasses which will respond in this type of soil. We secure the best success where the grass varieties are suited to the climate and soil. **Postpaid. Lb. \$1.20. Not prepaid, 5 lbs. or more @ \$1.15 per lb.**

**CREEPING FESCUE**—Rich, fine bladed foliage, making a splendid turf for shade or sun. Especially suited to sandy soils, banks, and terraces. One of our finest grasses. Many very fine lawns have been seeded with this alone and give splendid satisfaction. **Postpaid. Lb. \$1.20. Not prepaid, 5 lbs. @ \$1.15 per lb.**

**BLUE GRASS and WHITE CLOVER**—Well proportioned mixture. **Postpaid. Lb. \$1.30. Not prepaid, 5 lbs. @ \$1.25 lb.**

**CHEWING'S FESCUE**—Extensively used for lawns and golf courses. It makes a fine, close turf, very resistant to tramping. **Postpaid. Lb. \$1.20. Not prepaid, 5 lbs. @ \$1.15 per lb.**

**ASTORIA BENT (Blue Tag Grade)**—A native acclimated sort grown in Oregon. Besides creeping on the surface of the soil it has jointed roots that creep under ground. It is the best bent grass for high, well-drained soils and is very resistant to drought. It is often found growing in almost pure sand. It makes a thick, close turf, with fine leaf blades. **Postpaid. Lb. \$1.60. Not prepaid, 5 lbs. or more @ \$1.55 per lb.**

**SEASIDE BENT (Blue Tag Grade)**—A native, acclimated variety, largely grown in Coos County. It creeps on the surface of the ground. **Postpaid. Lb. \$1.60. Not prepaid, 5 lbs. @ \$1.55 per lb.**

**KENTUCKY BLUE GRASS**—A splendid general purpose grass for lawns, with hardy growth and fine, close turf. 24 lbs. per bushel grade. It does best on sweet soil. **Postpaid. Lb. \$1.30. Not prepaid, 5 lbs. @ \$1.25 per lb.**

**WHITE CLOVER**—Often used for lawns. We offer a fancy grade of seed for this purpose. **Postpaid. Lb. \$1.60. Not prepaid, 5 lbs. @ \$1.55 per lb.**

**POA TRIVIALIS**—Valuable lawn grass for shaded locations. In appearance it resembles Blue Grass. **Postpaid. Lb. \$1.50. Not prepaid, 5 lbs. @ \$1.45 per lb.**

## Power and Hand Lawn Mowers

We are agents for the JACOBSEN MOWERS. Write for prices.

## Canadian Peat Moss

(HORTICULTURAL)

Bales (about 100 lbs.), \$4.00 each. Not prepaid. Give shipping instructions. Carton containing about 2 bushels when loosened, \$2.00 each. Postpaid. Beyond 4th zone additional postage required.

We specialize in high grade lawn grasses. You cannot make a good lawn without high grade seed. For large quantities write for prices. Our bulletin on lawn culture will help you make or maintain your lawn. Free for asking.

# ANNUAL FLOWER SEEDS

Annual flowers are those which grow, bloom, seed and die in one season. They are attractive in the garden — some for bedding, some for borders, some for rock gardens, some for climbing or trailing and others for their foliage effect only. Many are invaluable for cutting. There are annual flowers for every purpose; all are lovely and with proper selection, blooms can be had from early summer until frost. See page 45 for Perennial Flowers.

## ASTERS

† Marked are asters of the wilt-resistant strains. We aim to supply the very best asters that can be grown or purchased, and the most up-to-date varieties and types will be found in our list. Asters are one of the best cut flowers that can be grown.

Sow seed in boxes inside or in frames, about February 25th to March 15th, and transplant during May. Splendid blooms can be obtained by planting the seed in the open about May 1.

### Princess Aster

An ideal type for florists, 3" to 3½" flowers on long stems, have crested centers that remain full when flower is completely open; surrounded by multiple rows of guard petals. Fine for home gardens because of high wilt resistance. Plants 2 ft. to 2½ ft. tall, branching habit, blooms in late August.

**\*PRINCESS MARGARET (New)** — Florist rose. Pkt. 50c.

**\*PRINCESS ELIZABETH** — Pure white. Pkt. 30c.

**\*PRINCESS SUSAN** — True deep blue. Pkt. 30c.

**\*PRINCESS BARBARA** — Orchid. Pkt. 25c.

**\*PRINCESS ANNE** — Peach blossom. Pkt. 25c.

**\*PRINCESS BONNIE** — Soft salmon pink. Pkt. 25c.

**\*PRINCESS GOLDEN SHEAF** — Yellow self. Pkt. 25c.

**\*PRINCESS MARSHA** — Cinnabar scarlet. Pkt. 25c.

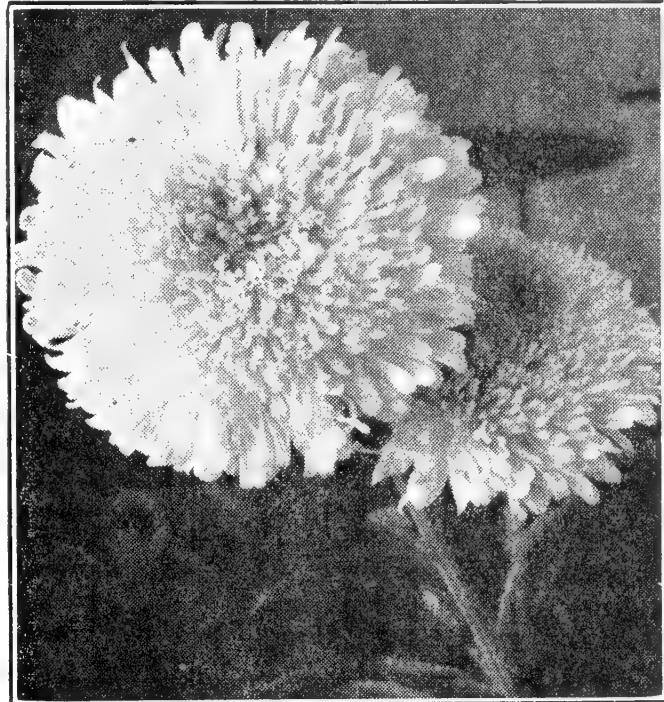
**\*PRINCESS TYPE MIXED** — All above colors. Pkt. 25c.

**\*GIANT CREGO** — Immense fluffy flowers averaging 4" to 5" across. The plants produce an abundance of large flowers on good stems. SHELL PINK, ORCHID, WHITE, CRIMSON, AZURE BLUE, PEACH BLOSSOM, DEEP ROSE, MID-BLUE, PURPLE and MIXED. Pkt. 15c; ½ oz. 35c.

**CALIFORNIA GIANT SUNSHINE** — Blooms 4" to 5" across, having a single row of loose, outer petals with contrasting yellow, quill-like center disc. Plants 2' to 3' high. MIXED. Pkt. 20c; ½ oz. 50c.

**\*AMERICAN BEAUTY** — September bloomer, 2½' to 3' tall, large, compact, semi-globular flowers. Very good stem. Especially good for cut flowers. WHITE, SHELL PINK, CRIMSON, AZURE FAIRY, MIXED. Pkt. 15c.

**\*EARLY GIANT PEACH BLOSSOM** — White flushed lavender pink. Pkt. 20c.



Aster, Princess Anne

**\*EARLY GIANT LIGHT BLUE** — Clear rich light blue; extremely large. Pkt. 20c.

**\*SUPER GIANT SANTA MARIA (New)** — The largest and most fully double pure white Aster we have ever seen, producing flowers over 6 inches in diameter with long lacy, white petals, curling from a fine interlaced center. Mammoth blooms are carried on stout 2½-ft. stems, branching from the base. Suited for florist and gardener trade. Pkt. 30c.

**\*SUPER GIANT EL MONTE** — Deep glowing crimson; flowers large and fluffy. Pkt. 20c.

**\*SUPER GIANT LOS ANGELES** — Pure shell pink, fully double. Excellent cut flower. Pkt. 20c.

**\*EARLY BEAUTY MIXED** — Blooms with Crego type. Pkt. 15c; ½ oz. 50c.

**\*HEART OF FRANCE** — A beautiful rich dark red, 1½' to 2' branching plants. Pkt. 15c; ½ oz. 45c.

**\*CALIFORNIA GIANTS** — Immense flowers, often 5" to 6" across. Vigorous habit and long stems with Crego type of bloom. WHITE, PEACH BLOSSOM, LIGHT BLUE, DEEP ROSE, PURPLE and MIXED. Pkt. 15c; ½ oz. 50c.

**\*CALIFORNIA GIANT SINGLE** — Flowers 3" to 4" across on 18" to 24" stems. MIXED. Pkt. 15c; ½ oz. 40c.

**IMBRICATED POMPON** — Mixed colors. Pkt. 25c.

**FANCY MIXED** — A mixture of all colors and types. Pkt. 10c; ¼ oz. 35c.

## SPECIAL ASTER COLLECTION

We offer 8 packets of Asters, your choice of those priced at 15c Pkt.; postpaid for \$1.00.

## Acroclinium (Everlasting)

**MIXED**—Double and semi-double daisy-like flowers with strawy petals of silky appearance. Nice to dry for winter bouquets, for which purpose cut the flowers before they fully open. **Pkt. 15c.**

## Adonis

**FLOS**—Small, brilliant scarlet flowers, easily grown for borders and cutting. **Pkt. 10c.**

## African Daisy

Sow seed same as asters and plant in sunny location. They bloom all summer.

**HYBRIDS MIXED**—Shades of white, yellow, orange and salmon zoned with black disc. **Pkt. 10c.**

## Agrostemma

**MILAS**—A quick and showy annual for early sowing. Wide flowers of lilac toned violet. Upface on graceful swaying spreads of long slender stems. **Pkt. 15c.**

## Ageratum

Annual, suitable for boxes, pots and borders.

**MIDGET BLUE**—Dwarf, 2" to 3"; fine foliage, with blue flowers. **Pkt. 15c.**

**BLUE PERFECTION**—Dwarf, deep blue. **Pkt. 10c.**

**FAIRY PINK**—Soft salmon rose pink, 5". **Pkt. 25c.**

## Alyssum

**COMPACTUM VIOLET QUEEN**—Deep rich violet. Neat habit, free flowering. **Pkt. 15c.**

**LITTLE DORRIT**—Miniature white. **Pkt. 10c.**

**IMPROVED CARPET OF SNOW**—Plants 2" high, massed with white blossoms. **Pkt. 10c.**

**COMPACTUM YELLOW**—Dwarf. **Pkt. 10c.**

**LITTLE GEM**—Dwarf, compact, 4" high with white blossoms. **Pkt. 10c.**

**LILAC QUEEN**—Dwarf, compact habit; flowers deep lavender. **Pkt. 10c.**

## Amaranthus

Brilliant foliage, growing 3' to 5' high.

**CAUDATUS**—Blood red, drooping. **Pkt. 10c.**

## Arctotis (African Daisy)

**GRANDIS**—2 ft. high. White petals with light lilac reverse; sky-blue eye with yellow halo. **Pkt. 10c.**

## Balsam

**CAMELLIA FLOWERED MIXED**—Double. Grows 2' high. Plant in hot-bed in March; move after danger of frost. May also be planted in open. **Pkt. 10c.**

## Beans, Scarlet Runner

A fine annual climber. The beans are edible. **Pkt. 10c; 1/2 lb. 40c; lb. 70c.**

## Bells of Ireland

**MOLUCELLA LAEVIS**—The several branching stems are closely set in elongated Hyacinth fashion with big bell-calyes of pale translucent green. Within each calyx lies a curiously formed little white flower. Full sun. Thrives in drought. It cuts well as a fresh flower. 30 inches high. **Pkt. 30c.**

## Brachycome

**SWAN RIVER DAISY**—9 in. high. Mixed. **Pkt. 10c.**

## Calendula, Pot Marigold

**ORANGE FANTASY**—Crested, coppery orange, petals edged mahogany red. **Pkt. 10c.**

**ORANGE SHAGGY**—Rich orange; petals long and deeply fringed. **Pkt. 10c.**

**RADIO**—Rich orange; large quilled flowers. **Pkt. 10c; 1/4 oz. 20c.**

**ORANGE KING, FLORIST STRAIN**—Large double blooms of orange red, with darker centers. **Pkt. 10c; 1/4 oz. 20c.**

**DOUBLE MIXED**—All colors. **Pkt. 10c.**

## Calliopsis

Showy blooms all summer. Sow in April.

**GOLDEN CROWN**—Semi-double; yellow with maroon center. **Pkt. 10c.**

**CHOICE SINGLE MIXED**—**Pkt. 10c.**

**DOUBLE MIXED**—**Pkt. 10c.**

## Cardinal Climber

**HYBRIDA**—Graceful, quick growing. Covered all summer with fiery scarlet blooms. **Pkt. 15c.**

## California Poppy

Plant during spring, summer or fall. Fall sowings bloom in the spring.

**GRANDIFLORA GIANTS MIXED**—**Pkt. 10c.**

**DOUBLE MIXED**—**Pkt. 10c.**

## Canary Bird Vine

A quick growing annual climber, bearing curiously cut yellow flowers with curved green spurs; vaguely resembling a canary. It is ideal for covering trellises, often reaching a height of 15'. **Pkt. 15c.**

## Candytuft

Fall sowings flower in early spring; April sowings in June.

**GIANT HYACINTH**—A selected strain, producing 6 to 7 large, erect, white spikes. **Pkt. 10c.**

**FLESH PINK**—New shade. **Pkt. 10c.**

**LAVENDER**—Soft rose lavender. **Pkt. 10c.**

**CRIMSON**—Rich shade. **Pkt. 10c.**

**ALBA**—White. **Pkt. 10c.**

**MIXED**—All colors. **Pkt. 10c.**

## Canterbury Bells

**ANNUAL MIXED**—Shape of flowers and form of plants are the same as the well known biennial Canterbury Bells, but this variety blooms in six months from seed. **Pkt. 15c.**

## Castor Beans

**RICINUS**—Ornamental plants valuable for tropical effects. Use in large beds or borders along paths and drives. **Pkt. 10c; oz. 25c; 1/4 lb. 75c.**

## Celosia

Sow inside in March, transplant or sow outside in May. Very free flowering.

**FIRE FEATHER**—Dwarf, compact plants, 15 to 20 branches, with bright red, silky plumes. **Pkt. 15c.**

**EMPEROR (Cockscomb)**—Very wide crimson combs. **Pkt. 15c.**

**PLUMOSA MIXED (Improved Feath-  
ered Type)**—3', pyramidal growth. **Pkt.  
15c.**

## Centaurea

**AMERICANA (Basket Flower)**—Grows 3'. Sturdy in habit, producing broad blooms frequently 5" to 6" across. Charming both in garden and as a cut flower. **Pkt. 15c.**

**ROYAL SWEET SULTAN**—Beautiful sweet-scented, fine cut flowers. Sow early in spring. Finest mixed. **Pkt. 10c.**

## Chrysanthemum

**SINGLE MIXED**—Grows 2 ft. high; blooms in mid-summer. White and yellow; yellow to red zoned. **Pkt. 10c.**

**DOUBLE MIXED**—Yellow, white, etc. **Pkt. 10c.**

## Clarkia

Easily grown double flowers; 2', fine for cutting.

**ALBA**—White. **Pkt. 10c.**

**MAY BLOSSOM**—Deep pink. **Pkt. 10c.**

**ORANGE KING**—Orange. **Pkt. 10c.**

**SCARLET QUEEN**—Orange scarlet. **Pkt. 10c.**

**DOUBLE MIXED**—All shades. **Pkt. 10c.**

## Cleome (Spider Flower)

**GIANT PINK QUEEN**—Hardy. 3' high; abundant blooms of salmon pink at top of spike, fading to flesh pink. For backgrounds or cutting. Blooms all season. **Pkt. 15c.**

**SNOW CROWN**—Flowers of purest, snowy white. A long bloomer. **Pkt. 20c.**

## Cobaea

**SCANDENS**—Climbing plants that are rapid growing, free flowering, producing large, graceful bells that grow readily from seeds. Best results are obtained by setting the large flat seeds on edge. It takes about 15 days to germinate. Start early inside in pots, ready to set out when all danger of frost has passed. **Pkt. 25c.**

## Coleus

**MIXED**—Attractive foliage, easily grown. **Pkt. 30c.**

## Coral Flower (Talinum Paniculatum)

A distinctive and good annual garden flower, that produces exquisite, jewel-like daintiness. Even the dark green, succulent foliage is decorative. Many slender, 30" stems bear hundreds of little 5-pointed stars in a luminous rosy pink, these followed by many long-hanging capsules like polished coral beads. Desirable for mixing with bouquets. **Pkt. 15c.**

## Corn

**ORNAMENTAL INDIAN**—Multicolored kernels in an endless number of shades. In great demand for autumn and winter decorations. **Pkt. 15c.**

## Cornflower (Bachelor's Button)

**DWARF JUBILEE GEM**—Compact plants, covered with large double blue flowers. Splendid for borders and cutting. **Pkt. 10c.**

**DOUBLE BLUE, RED or MIXED**—An excellent strain. **Pkt. 10c.**

## Cynoglossum

**FIRMAMENT**—It is dwarf, free blooming over a long season, flowers, a bright indigo blue. It is recommended for growing in dry, even poor soil. 16". **Pkt. 10c.**

## Cosmos

Plant after danger of frost; blooms in the summer and fall.

**SENSATION RADIANCE (New)** — Top award winner for 1948. A striking new color combination never before seen in Sensation Cosmos. Deep rose petals overlaid with large, well defined zone of rich crimson. **Pkt. 25c.**

**SENSATION DAZZLER** — Large flowers of deep amaranth crimson, with petals fluted and slightly overlapping. Tall stems. **Pkt. 25c.**

**SENSATION SINGLE MIXED** — Large, blooms in ten weeks. **Pkt. 10c.**

**PEERLESS MIXED** — New type. Produces a large 2" crested center; a double form of the Sensation type. **Pkt. 25c.**

**KLONDYKE YELLOW** — Rich golden yellow; 3' to 4' tall; free blooming. Slightly later than Orange Flare. **Pkt. 15c.**

**EARLY KLONDYKE ORANGE FLARE** — Early; bright orange. **Pkt. 10c.**

**EARLY DOUBLE CRESTED MIXED** — Single outer row of large petals with double center of short petals. **Pkt. 10c.**

**MAMMOTH EARLY FLOWERING MIXED** — Plant in open; blooms in 60 to 90 days. Flowers 4" to 5" across. **Pkt. 10c.**

## Datura

**WRIGHTI** — Trumpet flowers, 6" long, 5" across; plants 2' to 3' high; white with purple sheen. **Pkt. 10c.**

## Dianthus, Pinks

**WESTWOOD BEAUTY** — Single flowers 1½ to 2¼ inches, lacinated. Various shades with red and white edges. Height almost 16 inches. **Pkt. 25c.**

**DOUBLE MIXED** — 1' high. **Pkt. 10c.**

**GAIETY SINGLE MIXED** — 1' high. **Pkt. 10c.**

## Didiscus, Lace Flower

**COERULEUS** — Branched plants 18" high. Clusters of tiny, lacy flowers. Exquisite light blue. **Pkt. 10c.**

## Dolichos (Hyacinth Bean)

Very decorative vine. The flowers stand upright like hyacinth flowers followed by attractive seed pods. Mixed. **Pkt. 10c.**

## Euphorbia

Suitable for beds and borders.

**VARIEGATA (Snow on the Mountain)**. Attractive green foliage veined white; 2'. **Pkt. 10c.**

## Four o'Clock

**MIXED** — Free flowering, does well anywhere. Very easy culture. **Pkt. 10c.**

## Gourds - Ornamental

Easily grown, but must be fully ripened.

**LARGE FRUITED DIPPER** — **Pkt. 20c.**

**DISH CLOTH** — **Pkt. 20c.**

**CAVEMAN'S CLUB** — **Pkt. 20c.**

**LARGE FRUITED BOTTLE** — **Pkt. 20c.**

**LARGE FRUITED PIPE** — **Pkt. 20c.**

**SMALL WARTED MIXED** — **Pkt. 15c;**  
**½ oz. 20c; oz. 35c.**

**SMALL MIXED** — Main small sorts in mixture. **Pkt. 15c; ½ oz. 20c; oz. 35c.**

**LARGE MIXED** — Main large sorts in fine mixture. **Pkt. 15c; ½ oz. 20c; oz. 35c.**

## Gaillardia, Annual

**INDIAN CHIEF** — Single, bronze red. **Pkt. 10c.**

## Gilia

**MICRANTHA, FAIRY STARS** — Tiny, single star-like flowers in pastel shades; useful for borders and rockeries. **Pkt. 15c.**

## Godetia

Free flowering annual which does best in rather poor soil. Easy growth and fine for cutting.

**DWARF SINGLE MIXED** — All shades. **Pkt. 10c.**

**TALL DOUBLE MIXED** — Various shades. **Pkt. 10c.**

## Gypsophila (Baby's Breath)

**ELEGANS ALBA** — Small white clusters for mixing in bouquets. **Pkt. 10c; oz. 40c.**

## Helichrysum

**STRAW FLOWER MIXED** — Fine everlasting flowers; bright colors for winter bouquets. **Pkt. 10c.**

## Heliotrope

Start indoors, plant out in May.

**MAMMOTH FLOWERED MIXED** — **Pkt. 15c.**

## Hollyhock

**INDIAN SUMMER (Honorable Mention '49)** — These are really perennials but are called annual because they bloom the first season from seed if started early. Fully double in pastel shades. **Pkt. 25c.**

## Flowering Kale

Decorative and colorful for garden. Produces a variety of shades and useful for flower arrangement. **Pkt. 25c.**

## Impatiens

**HOLSTII HYBRIDS (Often called Busy Bee or Busy Lizzy)** — Long a favorite house plant, it is easily raised from seed. It has waxy bright-rose colored flowers. Also makes an excellent border plant, forming a good bushy growth about 15" high with abundance of bloom. **Pkt. 25c.**

## Kochia (Burning Bush)

Symmetrical plants, 3' tall, resembling an ornamental evergreen. Fine for hedges. Turns deep red in fall. **Pkt. 10c.**

## Lantana

**MIXED** — Half hardy greenhouse or bedding plant. Verbena-like heads of orange, white, rose, etc. **Pkt. 15c.**

## Larkspur (Supreme)

Five foot, greatly improved Giant Imperial type. Splendid for beds or cutting. Plant Sept. or early spring.

**DARK BLUE SUPREME** — Rich deep blue. **Pkt. 15c.**

**LILAC SUPREME** — Clear lilac. **Pkt. 15c.**

**PINK SUPREME** — Rose pink. **Pkt. 15c.**

**ROSE SUPREME** — Clear deep rose. **Pkt. 15c.**

**SALMON SUPREME** — True salmon. **Pkt. 15c.**

**WHITE SUPREME** — Without a trace of pink. **Pkt. 15c.**

**SUPREME MIXED** — Made from separate colors. **Pkt. 15c.**

## Linaria

**HYBRIDA MIXED** — Like small snapdragons. Very brilliant colors. **Pkt. 10c.**

## Linum (Flax)

**GRANDIFLORUM RUBRUM (Scarlet Flax)** — 1½' high. **Pkt. 10c.**

## Lobelia

For pots, edges or hanging baskets.

**CRYSTAL PALACE COMPACTA** — Best dark blue. Dwarf compact plants. **Pkt. 15c.**

**SAPPHIRE (Trailing)** — Large, blue flowers with pure white eye. **Pkt. 15c.**

**SPECIOSA** — Dark blue flowers and dark foliage. Trailing. **Pkt. 15c.**

**WHITE LADY** — Dwarf, clear glistening white. **Pkt. 15c.**

**PRIMA DONNA** — Dwarf, bright purplish mauve, shading crimson. **Pkt. 15c.**

**DWARF MIXED** — All colors. **Pkt. 10c.**



New Cosmos, Sensation Radiance—Page 36

## Lupines

**ANNUAL MIXED** — Easily grown; spikes of pea-shaped blooms 2' high. **Pkt. 10c.**

## Marigolds

**REDHEAD** — A.A.S. '48. Flowers are single, 2" across, with a crested center composed of many tiny, erect golden petals edged maroon. Plant vigorous grower forming a compact plant 12" tall and up to 20" across. **Pkt. 25c; 1/8 oz. 75c.**

**NAUGHTY MARIETTA** — Wide open, single flowers 2½" across; rich golden yellow attractively blotched maroon at the base of petals. Compact plants 1'; early and continuous bloomer. All-America winner. **Pkt. 25c; 1/8 oz. 60c.**

**FLASH** — Single flowers in two-tones and bicolors ranging from golden yellow to maroon red; rich and flashing colors. Uniform and compact plants averaging 18" in height. Blooms until frost. Ideal for borders. **Pkt. 25c.**

**REAL GOLD** — Large golden orange flowers, double with ruffled and waved carnation-like petals. Blooms profusely. Stems long and sturdy. **Pkt. 25c.**

**MAMMOTH MUM** — Large fluffy light sulphur-yellow blooms in true mum form. Stems long and sturdy. **Pkt. 25c.**

**SUNKIST** — Dwarf French Harmony type. Rich, deep, golden orange. Early and free blooming. **Pkt. 15c.**

## Marigold

**GILL'S "NEVER BEFORE" (See Front Cover)**—Our new 1949 Introduction. A remarkable advance in African Marigolds. Never before such new and unusual forms. Never before so many new shades and colors. Never before such remarkable freedom from the strong marigold odor. A leading florist remarked: "You have changed the Marigold so that with these new colors and forms we can use them extensively for general florist use." Strong vigorous plants, loaded with large blooms on strong stems. Without disbudding, irrigation or special fertilizing we grew many flowers 5 to 6 inches in diameter. The seed is offered in a blend of colors ranging from light lemon to deepest orange, including many types with wide loose petals, often quilled, cupped or twisted in formation. With disbudding, irrigation and extra fertilizing, blooms 8 inches in diameter can be grown from some types and with long erect stems. In order to include new forms and colors some smaller types are included in our selections. Many flowers in this strain are fragrant and the common strong marigold odor is generally absent. The vigorous plants often stand 4 to 6 feet tall with branching habits and loaded with blooms. Each year we make new and better selections. Be sure to include these wonderful marigolds in your order. More of the lighter shades are included in the seed offered this year. **Pkt. 35c; 1/16 oz. \$1.00; 1/4 oz. \$3.00; oz. \$8.50.**

**NEVER BEFORE, ORANGE SHADES**—This selection predominates with orange-colored blooms. **Pkt. 35c; 1/16 oz. \$1.15; 1/4 oz. \$3.25.**

**MISSION GIANT YELLOWSTONE**—Clear golden yellow blooms, 4" to 5" across. resembling an incurved chrysanthemum. **Pkt. 15c.**

**BUTTERBALL**—Dwarf double French Harmony type. 2" blooms of butter yellow, lightly tipped with maroon. **Pkt. 15c.**

**MISSION GIANT GOLDSMITH**—Rich golden orange, incurved. **Pkt. 15c.**

**GIGANTEA POT O'GOLD**—Plants grow 12" to 15", bearing 12 or more large blooms. Golden orange. **Pkt. 15c.**

**SCARLET GLOW**—Double French variety. Bronzy-red blooms, on 12" stems. **Pkt. 10c.**

**SPRY**—Dwarf double French. Very early, 1½" blossoms with yellow crested centers and rows of mahogany guard petals. **Pkt. 10c.**

**CHRYSANTHEMUM FLOWERED HYBRIDS**—Orange and yellow mixed. **Pkt. 15c.**

**SONNY**—Cheerful. Single, bright yellow flowers, about 2" across with attractive wavy edges. Plants dwarf, well rounded. 15" tall, 16" across. **Pkt. 25c.**

**GIGANTEA SUNSET GIANTS**—Fragrant flowers, shades of orange to light yellow, 3' to 4'. **Pkt. 10c.**

**DWARF DOUBLE HARMONY HYBRID**—French. Charming Scabiosa-like flowers, golden yellow bordered with a rich maroon red. Early, bushy plants. **Pkt. 10c.**

**SIGNATA GOLDEN GEM**—Dwarf single. **Pkt. 10c.**

**LARGE AFRICAN**—Double. LEMON, ORANGE and MIXED. **Pkt. 10c.**

**TALL FRENCH MIXED**—Double. **Pkt. 10c.**

**DWARF DOUBLE MIXED**—**Pkt. 10c.**

**DWARF AFRICAN MIXED**—Double. **Pkt. 10c.**

**LILLIPUT YELLOW PYGMY**—Dwarf bright yellow, bushy plants growing 6" high. **Pkt. 15c.**

## Matthiola

**BICONIS**—Night scented stock. A delightful free flowering dwarf plant. Small purple flowers are noted for their entrancing fragrance through the evening hours. **Pkt. 15c.**

## Mignonette

Keep a succession by sowing in April and July.

**DEFIANCE MIXED**—Extra large spikes, 15" to 18" long, deliciously fragrant. **Pkt. 10c.**

## Morning Glory

**DARLING (New)**—Striking wine-red scarlet O'Hara type with snowy white throat. **Pkt. 25c.**

**BLUE STAR**—All-America '49. Light blue with dark blue ribs to form a star. Very early. **Pkt. 20c.**

**PEARLY GATES**—Superb blossoms about 4½" across. Lustrous white, creamy shaded throat. Vigorous fast climbing vines. **Pkt. 15c.**

**SCARLET O'HARA**—Rich dark wine red color. Blooms in 65 days, prefers sandy soil. **Pkt. 15c.**

**HEAVENLY BLUE**—Climber. **Pkt. 10c.**

**CLIMBING MIXED**—**Pkt. 10c.**

## Moon Flower (Vine)

**BONA NOX and NOTIFLORA MIXED**—These Ipomoeas bloom at sunset, fading in late morning. In good soil will grow to 20 ft. with trumpet-shaped, white, pink or blue, fragrant flowers. Soak seed over night before planting. It takes 10 to 12 days to germinate. **Pkt. 15c.**

## Nasturtium

Sow in April, thin to 2" or 3".

### DWARF VARIETIES

**CHERRY ROSE**—Gem type with double soft cherry-rose blossoms. **Pkt. 15c.**

**SCARLET GLOBE**—Double blossoms. Dark foliage, compact plants. **Pkt. 15c; oz. 50c.**

**DOUBLE GEM MIXTURE**—Compact plants with no runners; excellent for borders. **Pkt. 15c; oz. 45c.**

**DOUBLE MAHOGANY GEM**—Large, sweet-scented, dark mahogany red. **Pkt. 15c; oz. 45c.**

**FINEST MIXED**—All colors. **Pkt. 10c; oz. 25c; 1/4 lb. 90c.**

### TALL VARIETIES

**DOUBLE GOLDEN GLEAM**—Large, sweet-scented yellow. **Pkt. 10c; oz. 40c.**

**DOUBLE GLEAM HYBRIDS**—Gorgeously colored, large, sweet-scented blooms. **Pkt. 10c; oz. 45c.**

**CALIFORNIA GIANTS MIXED**—All colors. **Pkt. 10c; oz. 25c; 1/4 lb. 90c.**

## Nemesia

**LARGE FLOWERING MIXED**—Suitable for cool places. 1' tall, orchid-like flowers in scarlet, rose, blue, orange, etc. **Pkt. 15c.**

## Nemophila

Hardy annual. Easy culture. Useful for borders.

**IN SIGNIS BLUE (Baby Blue Eyes)**—**Pkt. 10c.**

## Nicotiana (Flowering Tobacco)

**DAYLIGHT SENSATION**—A brilliant range of colors in an interesting variety of shades. The blooms of this variety stay open during the daytime. **Pkt. 15c.**

## Nigella (Love-in-a-Mist)

**MISS JEKYLL**—Ideal cut flower; of bright blue. Free flowering. **Pkt. 10c.**

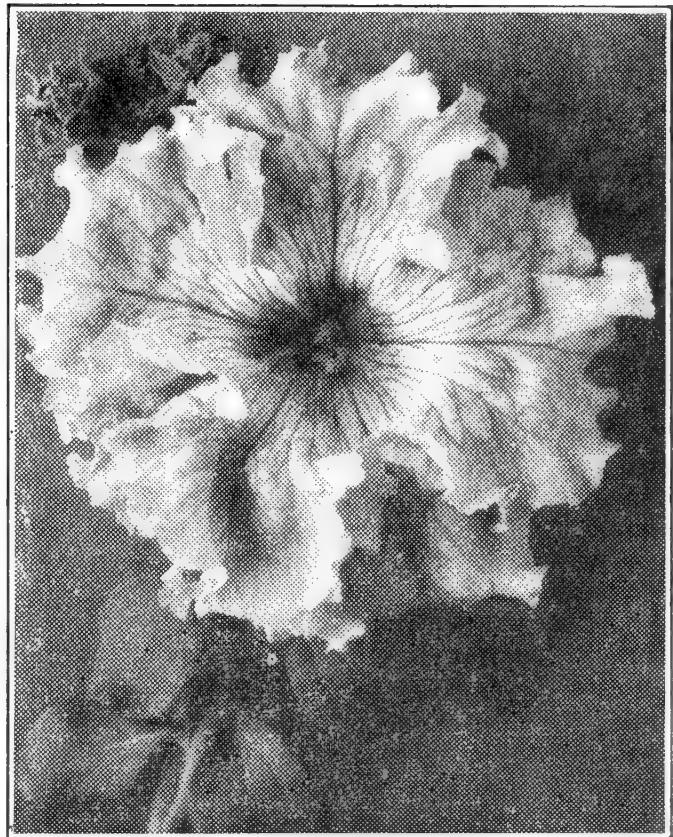
## Mesembryanthemum

(or Ice Plant)

**CRYSTALLINUM**—A delightful little annual of spreading form; dainty blooms of pinkish white. Easy culture and useful for carpet bedding or rock gardens. **Pkt. 15c.**

## New Multiflora Petunia

**PINK SENSATION**—Plants of this new hybrid are extremely vigorous, 2' tall, as much as 4' in width, and completely covered with rose bengal flowers, 3" across. **Pkt. (100 seeds) 50c.**



Petunia, Defiance Largest Flowering

## Petunias

**COLOSSAL SHADES OF ROSE**—Giant all double flowers of American origin and the largest yet produced. The beautiful, intensely double blooms are often 5" across, appearing in rich rose shades, salmon-pink through rosy-pink to deep rosy-mauve. Vigorous plants 20" to 24" tall and bearing profusely over a long season. **Pkt. (100 seeds) \$1.00.**

**FIRE CHIEF**—All-America Sweepstakes Winner 1950. The reddest petunia; dwarf habit; medium sized blooms; free flowering. **Pkt. 25c.**

**SILVER MEDAL**—3" flowers of bright salmon pink with rose sheen. Vigorous plants. Flowers in 90 days from seed. **Pkt. 50c.**

**THEODOSIA**—Rose-pink with a clearly defined yellow throat veined purplish black; one of the finest fringed Petunias. **Pkt. 25c.**

**CELESTIAL ROSE**—Deep rose on compact plants about 1 ft. high. **Pkt. 25c.**

**KING HENRY (Dwarf Flaming Velvet)**—Large flowers of a rich velvety blood red color. Very free flowering. Dwarf compact habit. **Pkt. 25c.**

**CHEERFUL**—Dwarf bedding petunias. Flowers grow 2 3/4" and more across. Color varying, according to age, from clear salmon-pink to softer, lighter shades of salmon. Plants are of a new habit of growth, being low, spreading close to ground, and later forming a dwarf mound 10" high and as much as 2 ft. across; ideal for bedding and wide borders. Lovely for cutting. **Pkt. 25c.**

## PETUNIAS—Continued

**PEACH RED**—Full-bodied uniform pink, free from fading and vivid rich peach red. Shapely plants 12 inches tall and with a spread of 18" to 24". Desirable for beds and borders. **Pkt. 25c.**

**GLAMOUR**—Luscious salmon rose, delicately veined brown in the creamy shallow throat. Plants 1½' tall. **Pkt. 25c.**

**RADIANCE**—Rich cerise rose with golden yellow throat below the flare. Large flowers borne profusely. **Pkt. 25c.**

**FLAMING VELVET**—Brilliant mahogany-red with velvety sheen; plants are covered with many large flowers all season. **Pkt. 15c.**

**WHITE BEAUTY**—Plants are semi-dwarf and free flowering. Medium sized, single, fringed, pure white. **Pkt. 35c.**

**DEFIANCE LARGEST FLOWERING**—Flowers often 5" wide, fringed, with open throats. Desirable colors. **Pkt. 25c.**

**ELK'S PRIDE**—Immense single; black purple, strong, vigorous grower. **Pkt. 25c.**

**SNOWSTORM**—Pure clear, snow-white flowers are borne freely. **Pkt. 15c.**

**NANA COMPACTA**—This miniature petunia, 5" to 6" high, is recommended for borders and rock gardens. ROSE GEM or MIXED. **Pkt. 15c** each.

**BALCONY**—MIXED. **Pkt. 10c.**

**SILVER BLUE (Heavenly Blue)**—**Pkt. 15c.**

**ROSE OF HEAVEN**—Brilliant rose. **Pkt. 15c.**

**ROSY MORN**—Rose, white throat. **Pkt. 15c.**

**BLOOD RED**—**Pkt. 15c.**

**SINGLE SPECIAL MIX**—**Pkt. 15c.**

## New All Double Petunias

**Culture**—For seeds of Giant Petunias. They are expensive and the safest method is to start them indoors about eight weeks before the usual outdoor planting time. Plant in a flat box or pan filled with good sifted soil. Press them into the surface rather than cover with soil and place glass over the box to retain moisture. Take the glass off after the seed germinates to prevent dampening off. The very weak, slow growing plants produce the finest flowers; with care they will develop into strong plants.

**BURPEE ORCHID**—Is unusually lovely, 4" to 4½" across, of a rich, light orchid color with deep, rosy purple veins; intense ruffling and deep fringing add to the beauty of exquisite blooms. Plants are semi-erect, the main stems growing 18" to 24" tall. **Pkt. (100 seeds) \$1.00.**

**MRS. DWIGHT D. EISENHOWER**—Flowers grow about 2¾" across. Uniform for doubleness and of a soft mid-salmon shade never before seen in any petunia. Plants are dwarf, bushy, and of good habit. **Pkt. (100 seeds) \$2.00.**

**ROSE MARIE**—Flowers are a delightful shade of rose-pink, 3" and more across, and freely borne on dwarf, compact plants 18" tall. Excellent for borders and cutting. **Pkt. (100 seeds) \$1.00.**

**DOUBLE RUFFLED GIANT MIXED**—Good range of colors. **Pkt. 40c.**

## Phacelia

**CAMPANULARIA**—Suitable for rockeries and edgings. Intense gentian blue with conspicuous white anthers. **Pkt. 15c.**

## Phlox

Massing, beds, borders: sow indoors or outside.

**RED GLORY**—Gigantea type. Brilliant red, with creamy white eye. **Pkt. 20c.**

**MAMMOTH FLOWERING**—Drumondi type. MIXED. **Pkt. 15c.**

**DWARF NANA COMPACTA MIX**—Symmetrical bushes, covered with flowers during the whole summer and fall. 8". **Pkt. 25c.**

## Poppies

Sow in fall or early spring.

**DOUBLE SHIRLEY (Begonia Flowered)**—Lovely, satiny flowers; finely cut foliage. PINK or MIXED. **Pkt. 10c.**

## Portulaca (Sun Plant)

For beds, edgings or rockeries.

**SINGLE MIXED**—All colors. **Pkt. 15c.**

**DOUBLE MIXED**—Selected. **Pkt. 15c.**

## Primula, Annual

**MALACOIDES**—Seed may be sown from May until October for spring blooming. They are easily grown after they get started, but will not tolerate fertilized soil in the seed flat or early stage of growth. **Pkt. 50c.**

## Rudbeckia

**STARLIGHT**—Large semi-double and double flowers. Primrose yellow with base of petals and central zone rich mahogany. 3 ft. **Pkt. 25c.**

## Sanvitalia (Trailing Zinnia)

Golden yellow with dark purple centers. Blooms June till frost. **Pkt. 15c.**

## Schizanthus

(BUTTERFLY OR FRINGE FLOWER)

**GIANT FLOWERED HYBRIDS**—Quick growing, especially good for shade. Mixed. **Pkt. 20c.**

## **Salpiglossis**

Plant in open in May.

**VESUVIUS (New)**—This is a wonderful new addition to the color scheme of flowers for the home garden with its uniform height of 30", and flowers of gold and silver on a violet purple background. It makes a charming background for other plants. **Pkt. 25c.**

### **DWARF GIANT FLOWERING MIXED**

—Averaging 18" to 20" tall; compact branching habit. Showy, trumpet shaped blooms in rich color tones and velvety texture. Flowers larger than the regular strain. **Pkt. 15c.**

**LARGE FLOWERING**—2' to 3'. **MIXED.** **Pkt. 15c.**

## **Salvia (Flowering Sage)**

Sow indoors in Feb., plant in May.

**BLAZE OF FIRE**—Extra early strain, 14" to 16" high, bright scarlet flowers, robust growth. **Pkt. 25c.**

**ST. JOHN'S FIRE**—The earliest, and most dwarf red strain available. About 12" high. **Pkt. 35c.**

**BONFIRE**—Dark green foliage; erect, globular growth with scarlet-red flowers. **Pkt. 15c; 1/8 oz. 85c; 1/4 oz. \$1.50.**

**SPLENDENS**—Bright scarlet, 3'. **Pkt. 15c; 1/8 oz. 75c; 1/4 oz. \$1.25.**

**PATENS**—Intense blue. **Pkt. 20c.**

## **Sedums - Succulent**

**COERULEUM**—Attractive many-rayed flower, stars of soft blue. Filler plant for rock garden, or as an edger. **Pkt. 25c.**

## **Scabiosa (Morning Bride)**

Sow outside after danger of frost.

**IMPERIAL GIANTS, BLUE MOON**—Large, double, beehive shaped flowers. Deep lavender-blue, 4' tall. **Pkt. 15c.**

**ROSETTE**—Extra large flowers, long stiff stems. Deep rose suffused salmon. **Pkt. 15c.**

**AZURE FAIRY**—Double pale blue. **Pkt. 10c.**

**KING OF THE BLACKS**—Reddish black. **Pkt. 10c.**

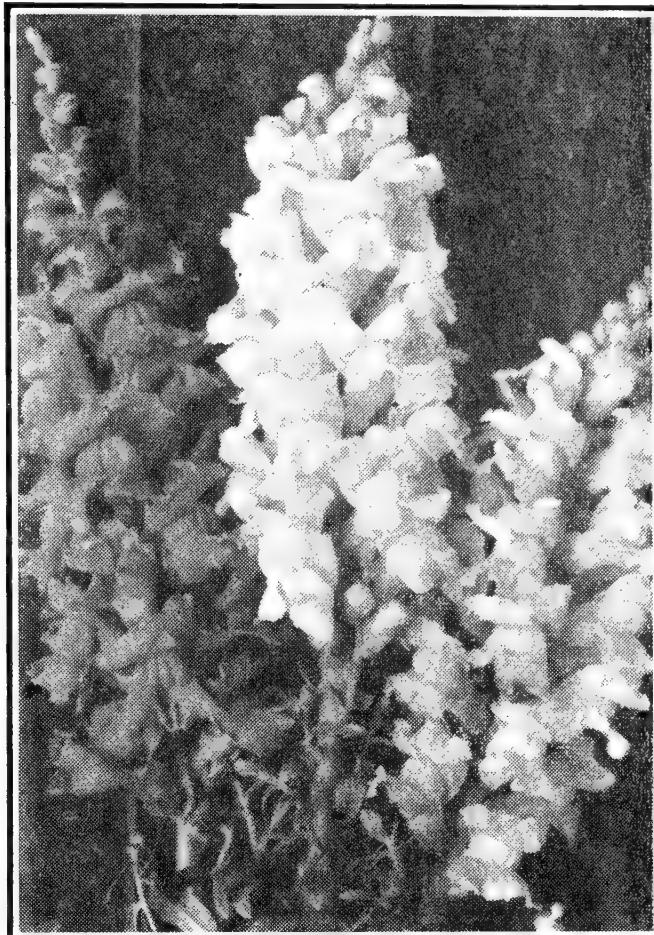
**PEACH BLOSSOM**—Large, soft pink. **Pkt. 10c.**

**SHASTA**—Giant, pure white. **Pkt. 10c.**

**GIANT FLOWERED HYBRIDS, MIXED**—Large, ball shaped flowers. **Pkt. 10c.**

## **Star of Texas**

**XANTHISMA TEXANUM**—Single daisy-like flowers with pointed, light canary-yellow petals freely produced in neat, bushy plants, 1 1/2' high and as much across. **Pkt. 15c.**



**Tetra Snapdragons Mixed**

## **Snapdragon**

### **(Rust Proof Maximum Type)**

For early flowers sow in the fall, setting out in the spring, or grow the plants in spring in hot beds. **Prices: Unless noted—Pkt. 15c.**

**ALASKA**—Large pure white.

**APPLE BLOSSOM**—Light rose-pink, white tube.

**INDIAN SUMMER**—Coppery orange scarlet.

**CAMPFIRE**—Bright scarlet with yellow lip.

**YELLOW GIANT**—Canary yellow, white tube.

**LOVELINESS**—Pure soft rose-pink.

**RED CROSS**—Deep crimson with pure white tube. Striking contrast.

**SALMON PINK SHADES**—All shades of salmon.

**PURPLE KING**—Velvety dark garnet.

**MAXIMUM MIXED**—Giant flowers closely set on tall spikes. **Pkt. 15c; 1/16 oz. 40c.**

**BLACK PRINCE (Not Resistant)**—Nearly black, small dark leaves. **Pkt. 15c.**

## **Giant Skyscraper Snapdragon**

**MIXED COLORS**—The tallest growing. Glorious blend of the softest shades of pink, yellow, rose, creamy white and lavender. **Pkt. 25c.**

## Double Snapdragon (1948)

**FLORADELE**—A clear, soft Dresden yellow. On the unopened buds there is a pale rosy blush which disappears as soon as they open. Flowers are fully double, with many open at one time, and closely placed on strong, stiff spikes. A novelty of exceptional merit. 2½'. Pkt. 50c.

## Tetra Snaps

### Giant Ruffled Tetraploid Snapdragons

The largest flowered of all Snapdragons. Many distinctly and attractively ruffled. Flowers of heavy substance which adds to their keeping value. MIXED. Pkt. 25c; 1/16 oz. \$1.50.

## Statice (Everlasting)

**ANNUAL MIXED**—Easy culture. Pkt. 10c.

### SUWOROWI or RUSSIAN RAT TAIL

Interesting and artistic, slender spikes of rose-pink. May be grown in greenhouse or garden. 30" high. Pkt. 10c.

## Stocks (Double Giant Column)

Easily grown from seed. Spikes 2' to 2½', fully double, close spaced flowers. Strictly non-branching; especially valuable for florists.

**CHAMOIS ROSE (New)**—An excellent color for florists. Pkt. 25c.

**BALL ROSE PINK**—Deep rose pink. Pkt. 25c.

**BALL DEEP APRICOT**—Large flowered creamy buff. Pkt. 25c.

**BALL WHITE IMPROVED**—The best white. Pkt. 25c.

**ROYAL PURPLE**—Deep purple. Pkt. 25c.

## Beauty of Nice Stocks

**MIXED**—Quick growing, early and continuous blooming. Double flowers in many pastel shades. Pkt. 15c.

**IMPROVED LARGE FLOWERING TEN WEEKS**—Dwarf, compact, branching, fine for bedding. Height 12". MIXED. Pkt. 10c.

### DOUBLE EARLY GIANT IMPERIAL

(Imperial Bismarck)—Height 25"

**BUTTERCUP**—Rich yellow. Pkt. 15c.

**ELK'S PRIDE**—Royal purple. Pkt. 15c.

**GOLDEN ROSE**—Light golden rose. Pkt. 15c.

**SANTA MARIA**—Giant pure white. Pkt. 15c.

**GIANT IMPERIAL MIXED**—Pkt. 10c.

## STOCKS—Continued

### CUT AND COME AGAIN STOCKS

(Double Perpetual Branching)—20"

**BRILLIANT**—Blood red. Pkt. 15c.

**HEATHM BEAUTY**—Golden rose. Pkt. 15c.

**SAPPHIRE**—Violet. Pkt. 15c.

**GIANT PERPETUAL MIXED**—Pkt. 10c.

## Virginia Stock

**DWARF MIXED**—Small red, rose, and white blooms. Plants grow 6" to 8" tall, excellent for borders. Very fragrant. Pkt. 10c.

## Sunflower

**SUN GOLD**—Brilliant golden yellow blooms, 4" to 5". Plants 4' to 5' tall. Colorful for backgrounds. Pkt. 10c.

**CHRYSANTHEMUM**—Double, golden yellow; immense blooms on strong, tall stalks. Pkt. 10c.

**RED**—Color varies from yellow to red. Pkt. 10c.

## Thunbergia (Black Eyed Susan)

**FINEST MIXED**—Rapid climber, preferring a warm place; useful for hanging baskets, vases, fences. Buff, white, and orange, with dark eyes; 5'. Pkt. 10c.

## Tithonia (Mexican Sunflower)

**TORCH**—All America winner for 1951. Easily grown, thrives on hot weather. It is orange-red, and a good cut flower that blooms from August till frost. Pkt. 25c.

## Verbenas

**Giant Hybrida Strain — PRICES:** Unless noted: Pkt. 15c.

**LAVENDER GLORY**—Lavender, cream eye.

**LUCIFER**—Brilliant scarlet self.

**LUMINOSA**—Flame pink to salmon.

**MAMMOTH STRAIN MIXTURE**—Excellent large flowers.

## Viscaria

**BRILLIANT MIXED**—Small single flowers of red, white and blue shades. Attractive borders, blooming all summer. Pkt. 10c.

## Wallflower

**DOUBLE EARLY WONDER MIXED**—Blooms in 90 days. Pkt. 10c.

For Perennial Flower Seeds

Beginning Page 45

# SPENCER SWEET PEAS

WE OFFER THE LARGEST SELECTION OF SWEET PEAS IN THE NORTHWEST  
All Sweet Pea Seeds Treated With ROOTONE

Their easy culture, freedom of bloom, artistic appearance and delightful fragrance, combined with their splendid cut-flower qualities make them one of the most desirable flowers for the public.

Spring sowings should be made as early in the spring as soil conditions permit. Here in the Coast regions they can often be planted in February. They can also be planted in November and with this method they will bloom very early in the spring; in fact, often by Decoration Day.

## NEW CUTHBERTSON SPENCER Improved Spring Flowering Spencers

This new race of heat resistant Sweet Peas is also outstanding for vigor and extra large flowers. They have long, strong stems.

**PRICES**—Unless noted are uniformly:  
**Pkt. 10c; 1/2 oz. 35c; oz. 65c; 1/4 lb. \$2.25.**

**JIMMY (New)**—A deep scarlet; fragrant, long stems. **Pkt. 20c; oz. 90c.**

**WILLIAM**—Pink picotee edge on white.

**CAROL**—Clear pink.

**COLINE**—Scarlet.

**DAVID**—Bright rose crimson.

**EVELYN**—Salmon cream pink.

**FRANK G**—Lavender.

**JESSIE**—Mauve.

**JANET**—White, black seeded.

**KENNETH**—Crimson.

**KATIE**—Rose cream pink.

**LOIS**—Rose pink.

**MARIAN**—Cream, black seeded.

**TOMMY**—Blue.

**MIXED**—A blend of all shades.

## CUTHBERTSON SWEET PEA COLLECTION

Six packets, our selection, different colors.  
Worth 60c; sent Postpaid for 50c.

## Giant Flowering Spencer

**PRICES**—Unless noted are uniformly:  
**Pkt. 10c; oz. 35c; 1/4 lb. \$1.00; lb. \$3.50.**

**AVALANCHE**—Giant white.

**BONNY BRIAR**—Large rose pink.

**CHEERIO**—Begonia rose suffused gold.

**CHIEFTAIN**—Large, satiny mauve.

**ECSTASY**—Blush pink.

**FLAMINGO**—Orange scarlet.

**GIGANTEA**—Pure white.

**GLENNEAGLES**—Immense pale blue lavender.

**LADY MACBETH**—Dazzling red.

**GRAND SLAM**—Scarlet cerise.

**MARY PICKFORD**—Cream pink suffused salmon.

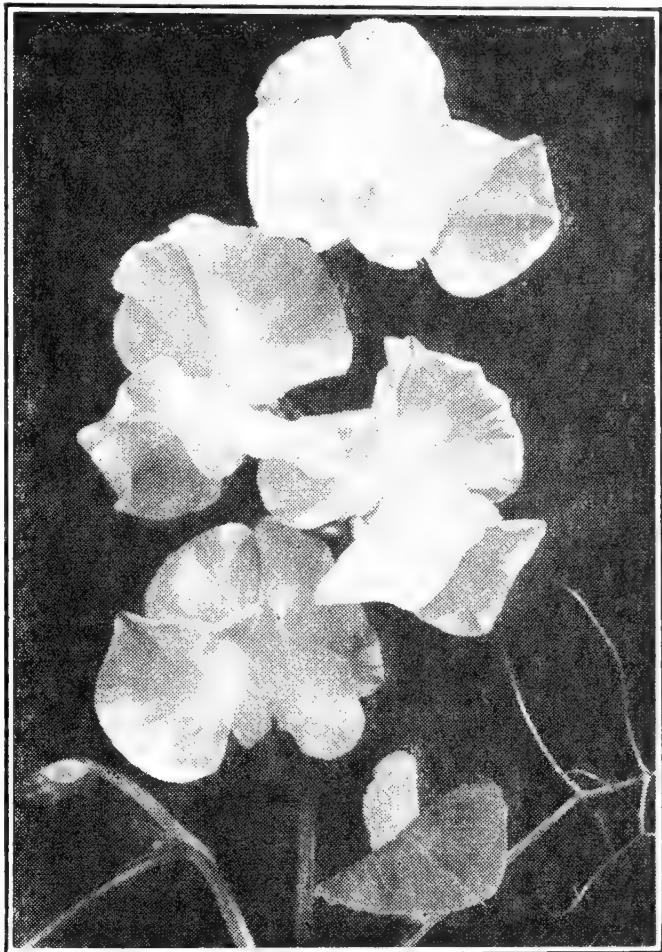
**MASTERCREAM**—Large cream.

**MELODY**—Golden salmon - pink on cream.

**MISS CALIFORNIA**—Salmon pink.

**PINKIE**—Large rose-pink.

**POWERSCOURT**—Mammoth lavender.



Cuthbertson Sweet Pea, Janet

**PROLIFIC (Multiflora)**—Rose-pink.

**RED SUPREME**—Bright red.

**SWEET AFTON**—Deep silvery pink.

**THE SULTAN**—Large, black, velvety.

**WELCOME**—Brilliant scarlet, grand.

**WINDSOR BLUE**—Large flowered and heavy stemmed; clear mid-blue.

## Giant Ruffled Spencer

Flowers are duplexed, heavily ruffled and frilled.

**PRICES**—Unless noted are uniformly:  
**Pkt. 10c; 1/2 oz. 30c; oz. 50c; 1/4 lb. \$1.50.**

**RUFFLED BLUE**—Large clear blue.

**RUFFLED BEAUTY**—Lilac pink on amber.

**BONNIE RUFFLES**—Salmon pink on cream.

**RUFFLED CARMINE**—Carmine rose.

**RUFFLED CRIMSON**—Rich crimson.

**RUFFLED EXQUISITE**—Salmon-cerise with four large flowers on long stems.

**RUFFLED ORCHID**—Soft orchid.

**RUFFLED PINK**—Deep rose-pink on cream, becoming lighter toward the base.

**RUFFLED PRIMROSE**—Rich cream.

**ROYAL RUFFLES**—Scarlet-cerise.

## RUFFLED SWEET PEAS—Continued

**RUFFLED WHITE**—Good white.

**RUFFLED MIXED**—Excellent mixture.

### RUFFLED SWEET PEA COLLECTION

Six packets, our selection, different colors.  
Worth 60c; sent Postpaid for 50c.

## Early Flowering Spencer

These bloom two weeks ahead of the regular Spencer. Valuable for greenhouse forcing; also outside planting.

**PRICES**—Unless noted are uniformly:  
Pkt. 15c;  $\frac{1}{2}$  oz. 30c; oz. 50c;  $\frac{1}{4}$  lb. \$1.75;  
lb. \$6.00.

**MISS SANTA MARIA**—(Novelty for 1948.) Extremely soft and pleasing color tones. Blending from a clear white keel, light rose suffused with salmon to completely tint the standard and wings. Each flower is so completely duplexed that the extra petals in the buds resemble a miniature rose opening up. A strong grower, with heavy stems.

**WAVES**—Mid-blue.

**BOON**—Deep salmon pink.

**DAPHNE**—Soft salmon-pink on cream.

**FLORIST BLUE**—Clear blue.

**FRAGRANCE**—Clear lavender self.

**GARDENIA**—Dense paper white.

**SEQUOIA**—Rich golden cerise.

**SHIRLEY TEMPLE**—Soft rose pink.

**SUSANNA**—Deep crimson.

**TREASURE ISLAND**—Golden orange.

**EARLY SUPER MIXED**—A very fine mixture. Pkt. 10c; oz. 40c;  $\frac{1}{4}$  lb. \$1.25;  
lb. \$4.25.

## MIXED SWEET PEAS

**SHOW GROUND MIXTURE**—A remarkable mixture saved from trial grounds, being made up from a long list of new and standard named Spencers. Pkt. 10c; oz. 30c;  $\frac{1}{4}$  lb. 90c; lb. \$3.00.

**PROGRESSIVE MIXED**—This Spencer mixture contains a splendid assortment of colors, both light and heavy shades, and gives fine satisfaction. Pkt. 10c;  
oz. 20c;  $\frac{1}{4}$  lb. 65c; lb. \$2.00.

**CUPID (Dwarf)**—Useful for borders and edgings. Pkt. 10c; oz. 35c.

## Rock Garden Mixture

**ANNUAL MIXTURE**—Pkt. 25c.

## Cut Flower Garden Mixture

A mixture of hardy annuals blended to give a succession of flowers from early summer until fall. 2 to 3 ft. tall. Pkt. 15c;  $\frac{1}{4}$  oz. 30c;  $\frac{1}{2}$  oz. 50c; oz. 95c.

## ZINNIAS

These old-fashioned flowers have been highly improved and the new giant sorts are popular. Blooms 5" to 6" across are very common. Best results are obtained by planting where you wish them to grow. This is far better than transplanting, except for early blooms. Plant seed outdoors May 1 to June 15.

**FLORADEALE SCARLET** (New)—This is a vibrant scarlet-red zinnia with a new and unusually graceful flower form; blossoms 5" to 5½" across; long stems, ideal for cutting. Pkt. 25c.

## Luther Burbank Zinnia

Luther Burbank Zinnias are of the lovely delicate pastel or art shades. There are also unusual two and three-color combinations of soft and light shades. Flowers grow 5 to 5½ inches across and are composed of numerous petals which curl back somewhat to form thick flower heads 2 to 3 inches deep. Plants are strong, growing 3 to 4 feet tall, well-branched so that an abundance of long stemmed flowers are assured for cutting. Pkt. 25c.

## Mammoth Dahlia Type

Improved double Zinnias, gigantic size.

**Prices**—Unless noted: Pkt. 15c;  $\frac{1}{8}$  oz. 45c;  $\frac{1}{4}$  oz. 75c.

**CANARY BIRD**—Rich canary yellow.

**CRIMSON MONARCH**—Largest and best red shade; often 8" across.

**DREAM**—Deep lavender turning to mellow purple.

**ELDORADO**—Large salmon apricot.

**EXQUISITE**—Light rose with deep rose center.

**METEOR**—Rich, glowing red.

**ORIOLE**—Beautiful orange and gold bicolor.

**POLAR BEAR**—Large creamy white.

**SCARLET FLAME**—Large, bright scarlet with blending of orange throughout the petals.

**MAMMOTH DAHLIA MIXED**—A fine blending of colors.

## California Giants or Monster Type Zinnias

This type has rare and striking colors.

**Prices**—Unless noted: Pkt. 15c,  $\frac{1}{8}$  oz. 45c;  $\frac{1}{4}$  oz. 75c.

**CHERRY QUEEN**—Cerise rose.

**DAFFODIL IMPROVED**—Canary yellow.

**GRENADEIER**—Bright red.

**MISS WILMOTT**—Giant, soft pink.

**ORANGE KING**—Color of orange King Calendula.

**PURITY**—Giant pure white.

**ROSE QUEEN**—Opens bright rose with deeper center but develops into a warm, deep rose.

**MONSTER MIXED**—All shades mixed.

## Bedding Zinnias

**PRICES:** Unless noted. Pkt. 15c.

**SCABIOSA FLOWERED MIXED—** Medium sized, resembling Scabiosa.

**GAILLARDIA FLOWERED MIXED (Navajo)**—Two toned with a ring of deeper color in center.

**HAAGEANA DOUBLE HYBRIDS—** Small Mexican type. Attractive mixture.

**LINEARIS**—Dwarf. Single, orange with yellow stripe and dark center.

**LILLIPUT TOM THUMB**—This mixture is from the most dwarf Zinnia known. Fine for borders.

**LILLIPUT DOUBLE**—Miniature flowers about the size of a daisy; excellent for borders. **Black Ruby, Canary Yellow, Crimson Gem, Golden Gem, Lilac Gem, Rosebud, Salmon Rose, White Gem, and Mixed.** Pkt. 10c;  $\frac{1}{4}$  oz. 35c; oz. \$1.00.

## Fantasy Type Zinnias

Shaggy, medium sized double flowers. Excellent for cutting. It blooms profusely.

**PINK FRILLS**—Soft flesh pink. Pkt. 15c.

**MELODY**—Orchid lavender. Pkt. 15c.

**WILDFIRE**—Dazzling scarlet. Pkt. 15c.

**WHITE LIGHT**—Pure white. Pkt. 15c.

**STAR DUST**—Golden yellow. Pkt. 15c.

**FANTASY MIXED**—Pkt. 15c.

## Elegans Pumila Zinnias

This type is between the Giants and Lilliputs in size. Double flowers highly prized for cutting, borders and massing in the garden. Mixed. Pkt. 10c;  $\frac{1}{8}$  oz. 25c.



Zinnia, Elegans Pumila

## Wild Flower Garden

A mixture of many wild flower seeds which gives splendid results on banks and roadsides. This mixture contains annual and perennial flowers of easy culture. Pkt. 15c;  $\frac{1}{2}$  oz. 50c; oz. 95c.

## PERENNIAL FLOWER SEED

Perennial Flowers are the most permanent ones, which live for many years. These plants bloom every year and die down again to the roots. They remain alive but are dormant until the next season. Some perennials will bloom the first year from seed if sown early, and germination will be better than if sown during the heat of the summer. The larger plants will also winter over better. Two seasons are usually required before the plants come into full bloom.

### Achillea

**THE PEARL**—Large clusters of small, double, white, everlasting blooms. Pkt. 15c.

### Aconitum (Monkshood)

**NAPELLUS**—Spikes of curious shaped blue flowers. Pkt. 15c.

### Alyssum (Basket of Gold)

**SAXATILE COMPACTUM**—Grows 1' high and makes a mass of small yellow flowers in May. Easy to grow. Pkt. 15c.

### Arabis (Rock Cress)

**ALPINA**—A mass of white flowers very early in the spring. Pkt. 15c.

### Anchusa

**DROPMORE VARIETY**—Rich gentian blue flowers in drooping sprays. Does well in dry areas with partial shade. Long blooming season. Pkt. 15c.

### Anemone (Windflower)

**PULSATILLA**—Purple shades; it blooms during April and May. Pkt. 15c.

**ST. BRIGID**—Good range of colors in single, semi-double and double. Pkt. 15c.

### Armeria

**FORMOSA HYBRIDS**—For rockeries and borders. Compact plant with clover-like flowers in pink shades. Pkt. 15c.

## **Aquilegia (Columbine)**

Beautiful spring-blooming plants of graceful, airy habit; highly prized for the border and cutting. They succeed best in partial shade and light, fairly rich, well drained soil. Start inside or in open and transplant.

**SHORT SPURRED PURPLE**—Large, deep purple. Tall; free flowering. **Pkt. 20c.**

**BLUE SHADES**—Long spurred. Vary from light blue, mid-blue, deep blue to the darkest purple. **Pkt. 25c.**

**PINK SHADES**—Long spurred. Sepals and spurs are a beautiful shade of soft pink in contrast to the cream-colored corolla. **Pkt. 25c.**

**MRS. SCOTT ELLIOTT LONG SPURRED HYBRIDS**—Excellent range of colors. **MIXED. Pkt. 15c.**

## **Asparagus**

**PLUMOSUS**—Fine greens for bouquets. Fern-like foliage, tender perennial, sow in pots. **Pkt. 15c.**

**SPRENGERI**—For baskets and window boxes. **Pkt. 15c.**

## **Asphodel**

Tall spikes of crowded golden stars rise from rosette tufts of narrow, silvered leafage. Easily grown, preferably in a rich sandy loam, and partial shade. **Pkt. 20c.**

## **Asters (Michaelmas Daisy)**

**PERENNIAL MIXED**—**Pkt. 25c.**

## **Aubrieta (Rainbow Rock Cress)**

**LARGE FLOWERING HYBRIDS**—Colorful rockery and border plants. Sow in June. Masses of rosy purple, blue and lilac blooms. **Pkt. 15c.**

## **Bellis or Double English Daisy**

**MONSTROSA MIXED**—This giant type far excels the older varieties; flowers are larger, more fully double. **Pkt. 15c.**

**MONSTROSA RED**—Double. **Pkt. 25c.**

**MONSTROSA ROSE**—Double rose. **Pkt. 25c.**

**MONSTROSA WHITE**—Double. **Pkt. 25c.**

## **Cactus Seed**

**MIXED**—Many varieties. **Pkt. 20c.**

## **Begonia (Tuberous)**

**DOUBLE CAMELLIA FLOWERED**—One of the best strains. Individual flowers 5" to 8" in diameter; resembles camellias and roses in all forms and variations of color. Very small seed. **Pkt. 85c.**

## **Begonia (Fibrous)**

**LUMINOSA COMPACTA**—Dwarf free flowering scarlet red. **Pkt. 50c.**

**SNOWBANK (New)**—Large glistening white flowers are carried on dense growing, uniform plants. **Pkt. 50c.**

## **Candytuft (Iberis)**

**SEMPERVIRENS**—White candytuft, for bedding or borders. Thrives in all sections. Blooms in late May. **Pkt. 15c.**

## **Canterbury Bells**

Plant in frame in early spring, or outdoors about June 1st. Cover seed lightly; cover with paper until seed germinates.

**CUP and SAUCER BELLS**, bi—The largest type, with cup and saucer-like flowers. **WHITE, LIGHT BLUE, DARK BLUE and ROSE. Pkt. 15c.**

**CUP and SAUCER MIXED. Pkt. 10c.**

**SINGLE MIXED**, bi—Bell-shaped. **Pkt. 10c.**

**PYRAMIDALIS MIXED**—**Pkt. 15c.**

**PEACH BELLS, Persicifolia mixed**—Saucer-shaped blooms on tall spikes. **Pkt. 15c.**

## **Canna**

Cannas can be successfully grown from seed if planted early. Pour boiling water over the seeds, take them out after 24 hours and sow at once in sand. Give some bottom heat and cover  $\frac{1}{4}$  to  $\frac{1}{2}$  inch. The seed germinates irregularly in two to four weeks. **Pkt. 25c.**

## **Carnation**

Perennial, blooming the first season.

**GIANT FLOWERING**—**ROSE, FLESH, PINK, SCARLET, YELLOW, WHITE and MIXED. Pkt. 15c.**

**FLORIST'S MIXTURE**—A special mixture from florist sorts. Can be used inside or out. **Pkt. 25c.**

**ENGLISH GIANT MIXED**—A complete mixture of colors, including the most rare shades yet offered gardeners. Blooms surpassed in size only by the greenhouse type and if disbudded will closely approach that size. **Pkt. 35c.**

## **Catananche (Cupid's Dart)**

**COERULEA**—Bright lavender blue flowers somewhat resembling cornflowers which may be cut and dried as everlasting. A perennial that will bloom the first year from seed if sown early. **Pkt. 15c.**

## **Centaurea (Dusty Miller)**

**CANDIDISSIMA**—Thick silvery white leaves. Should be sown early. **Pkt. 15c.**

## **Annual Flowers**

See Pages 33 to 45.

## **Cerastium** (Snow in Summer)

**TOMENTOSUM**—Dwarf with silver foliage and small white flowers. **Pkt. 15c.**

## **Chrysanthemums**

**KOREAN HYBRIDS**—Gorgeous single, semi-double and double flowers in a wide range of colors. Bloom in September until frost. Will bloom the first year if sown early. 2' to 2½'. **Pkt. 35c.**

## **Cineraria** (Biennial)

Beautiful greenhouse, or indoor flower, easily grown from seed. High-grade mixture. **Pkt. 35c.**

## **Coreopsis**

**DOUBLE SUNBURST**—Deep golden yellow. Excellent cut flower. **Pkt. 15c.**

**LANCEOLATA GRANDIFLORA**—Large, showy, bright yellow. **Pkt. 10c.**

## **Cyclamen**

**GIANT MIXED**—A splendid mixture of brilliant and soft shades, grown from a highly selected strain. It requires 16 to 18 months to produce blooming plants from seed. **Pkt. (10 seeds) 35c.**

## **Dahlia Seed**

Start like Asters, transplanting about May 1st to 20th.

**UNWIN'S IDEAL BEDDING MIXED**—Miniature double and semi-double flowers on dwarf bushy plants. **Pkt. 25c.**

**CHOICE MIXED**—A mixture of many colors in different types. **Pkt. 20c.**

**MIGNON MIXED**—Dwarf single flowers, suited for bedding and cutting. **Pkt. 15c.**

**DECORATIVE MIXED**—Seed saved from choice varieties. **Pkt. 35c.**

**DOUBLE CACTUS**—Mixture from named sorts. **Pkt. 35c.**

## **Dianthus, Pinks**

**DOUBLE DWARF CLOVE PINK MIXED**—Early, compact, spicy clove scented. Many will bloom first year if planted early. **Pkt. 15c.**

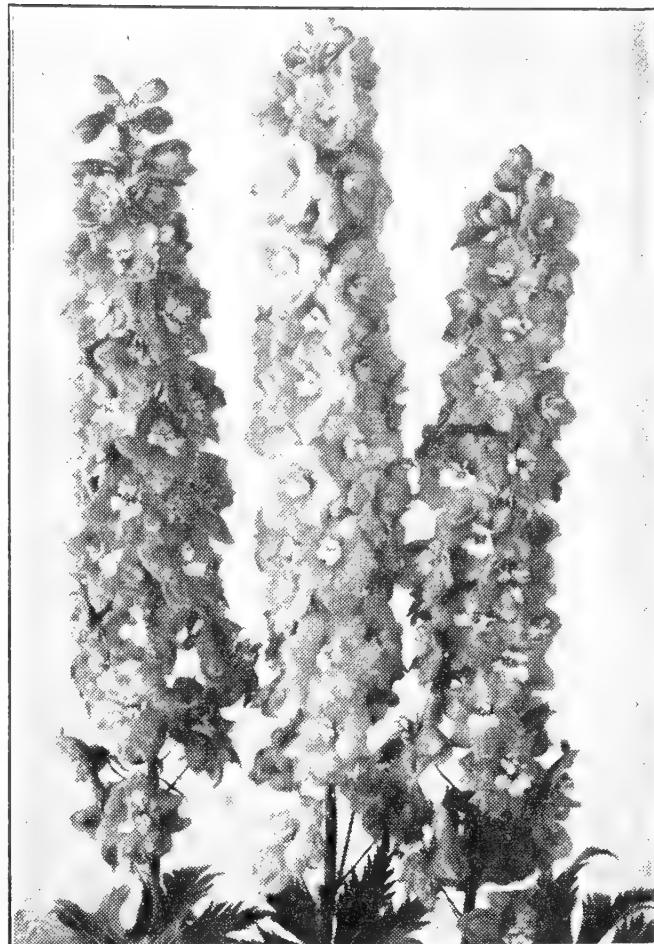
## **Digitalis, Foxglove**

**GLOXINIAEFLORA MIXED**, bi—  
**Pkt. 10c.**

**SHIRLEY MIXED**—Immense. **Pkt. 10c.**

## **Erigeron**

**FLEABANE**—Large, handsome blue flowers, violet tinted and yellow centers. Blooms in June and July; fine for cutting. They should be planted in warm sandy soil in full sun. Easily grown. **Pkt. 35c.**



**Delphinium, Pacific Giants**

## **Delphinium** (Perennial Larkspur)

### **THE NEW PACIFIC GIANTS**

An outstanding strain originated on the Pacific Coast. Comparatively mildew resistant, nearly 100% double.

**BLACK KNIGHT**—Dark blue. **Pkt. 35c.**

**GALAHAD SERIES**—Giant glistening white. **Pkt. 35c.**

**QUINEVERE SERIES**—Light pinkish lavender self, white Bee. **Pkt. 35c.**

**KING ARTHUR SERIES**—Royal violet, white Bee. **Pkt. 35c.**

**PERCIVAL SERIES**—White, black Bee. **Pkt. 50c.**

**SUMMER SKIES SERIES**—Clear, light blue, white Bee. **Pkt. 35c.**

**PACIFIC GIANTS MIXED**—Splendid blend. **Pkt. 35c.**

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**IMPROVED BELLADONNA (Special Strain)**—Light blue, large flowered, strong grower. **Pkt. 15c.**

**IMPROVED BELLAMOSUM (Special Strain)**—Deep blue. Blooms 2½" across. **Pkt. 15c.**

**PASTEL SHADES**—Specially selected from large type. Very popular. **Pkt. 25c.**

**GIANT PRIZE MIXED**—Selected from Pacific Giant strain, single and double flowers in mixed colors. **Pkt. 25c.**

## Fuchsia

**MIXED**—Fine selection of double and single types. **Pkt. 20 seeds 35c.**

## Gaillardia

**DAZZLER**—Giant gold and maroon red. **Pkt. 15c.**

**PORTOLA HYBRIDS**—Bronzy red, gold-tipped. **Pkt. 15c.**

## Geranium

**ZONALE MIXED**—A fine strain of largest and finest. Start indoors. Slow germinating and continue coming up for several weeks. **Pkt. 35c.**

## Gerbera (Transvaal Daisy)

**HYBRIDA GIANT, CALIFORNIA STRAIN**—Tender perennial. Large daisy-like blooms in yellow to red shades, on long stems. Sow seed singly, point up, cover lightly, water sparingly in hot-bed. Likes sun; protect from rain. **Pkt. 25 seeds 25c.**

## Geum

**MRS. BRADSHAW**—Popular, semi-double flowers, 2" across, brilliant scarlet; fine cut flowers; easily grown. Blooms in June and July. **Pkt. 25c.**

**LADY STRATHEDEN**—Double yellow. **Pkt. 25c.**

**ORANGE QUEEN**—True orange. **Pkt. 25c.**

## Gypsophila (Baby's Breath)

**PACIFICA**—These rose-colored flowers bloom first season from seed. **Pkt. 25c.**

**PANICULATA**—Single. **Pkt. 15c.**

**PANICULATA DOUBLE**—Mostly double white flowers. **Pkt. 20c.**

## Heuchera (Coral Bells)

**SANGUINEA SPLENDENS**—18" high. Coral-red flowers, blooming in July and August. **Pkt. 20c.**

## Helianthemum (Sun Rose)

**MUTABILE**—Rock plant. **Pkt. 15c.**

## Hibiscus

**HYBRIDS MALLOW MARVEL MIX**—Easily grown giant types; with flowers 3" to 5" in diameter. Blooms in September. **Pkt. 15c.**

## Hollyhock

**CHATER'S DOUBLE**—Mixed. **Pkt. 10c.**

**SINGLE MIXED**—**Pkt. 10c.**

## Incarvillea (Hardy Gloxinia)

**GRANDIFLORA BREVIPES**—Hardy on the west coast. Rose flowers on 2' stems. Blooms in June and July. **Pkt. 15c.**

## Iris

**JAPANESE MIXED**—Blooms in two years. **Pkt. 35c.**

## Kudzu Vine

**PUERARIA THUMBERGIANA**—Rank growing, hardy climber. This purple-flowered vine will cover trellis and fence rapidly. Usually dies to ground in winter. **Pkt. 35c.**

## Lathyrus (Perennial Sweet Peas)

**MIXED**—Strong growing, hardy climber, easily started from seed. Fine for cutting. **Pkt. 15c.**

## Lavender

**VERA (Sweet Lavender)**—Fragrant blue-lavender flowers in July and August. **Pkt. 25c.**

## Lily

**REGALE**—Large trumpet-shaped, sweet-scented flowers. Ivory white, tinged pink and purple, with yellow throat. Hardy. **Pkt. 15c; 1/4 oz. 85c; oz. \$2.50.**

**CALLA ALBA MACULATA**—Dwarf white flower spathes with red blotched throat. Green, white spotted arrow-shaped leaves. 18" to 22" high. Semi-hardy. **Pkt. 25c.**

## Eremurus (Foxtail Lily)

Long, slender leaves spring from the fleshy rope-like roots in dense basal rosettes. Above them rises the stout flower stalk sometimes to 8 ft., clothed from half its length with close-set starry blooms which last for several weeks. A rich, fibrous, well-drained sweet soil containing sharp sand, and a sunny location are essential. Growth of foliage appears quite early in spring and must be protected against frosts. Seed should be frozen before planting, and planted in late fall or early spring. **Pkt. 20 seeds 25c.**

## Linum (Flax)

Graceful in rockeries and borders.

**BLUE FLAX**—Blue, 2'. **Pkt. 15c.**

**FLAVUM**—Golden yellow, 12". **Pkt. 15c.**

## Lobelia

**CARDINALS**—Handsome plants with fine spikes of glistening cardinal red flowers in August and Sept. **Pkt. 25c.**

## **Lunaria (Money Plant)**

**HONESTY**, bi — Silvery, translucent, oval seed pods, prized for winter bouquets. An annual if sown early. **Pkt. 15c.**

## **Lupinus Polyphyllus**

Inoculate seeds with nitrogen. Chill seeds before planting.

**RUSSELL'S BLUE SEAL (Originator's Strain)**—**Pkt. 12 seeds 20c.**

**LUPIN**—Hardy plants with 3' spikes blooming May and June. Mixed. **Pkt. 15c.**

## **Lychnis (Jerusalem Cross)**

**CHALCEDONICA** — Easily grown, blooms first year with flaming scarlet flower heads. 3'. **Pkt. 15c.**

## **Matricaria**

**CAPENSIS DOUBLE WHITE** — 2', splendid cut flowers. **Pkt. 15c.**

## **Myosotis, Forget-Me-Not**

**ALPESTRIS BLUE**, bi — Compact, upright growing. Easily grown. **Pkt. 15c.**

**INDIGO BLUE**, bi — Compact, deep blue, 6". **Pkt. 15c.**

**EVERBLOOMING**, bi—Blue. **Pkt. 15c.**

## **Nierembergia**

**PURPLE ROBE**—Dwarf, compact, free flowering. Maintains a deep violet purple color. For edgings or rockeries. **Pkt. 25c.**

## **Oenothera (Evening Primrose)**

The big, silky yellow blossoms unfold at dusk, mostly remaining open until well into the next day. Plant in the fall for best results. **Pkt. 20c.**

## **Oriental Poppies**

Produce splendid cut flowers.

**ORIENTAL**—Large, orange scarlet, with black blotch on each petal. **Pkt. 15c.**

**PRINCESS VICTORIA LOUISE**—Large, soft salmon-rose. **Pkt. 15c.**

**OREGON SUPREME MIXED**—From the finest named sorts of our own growing. 30 varieties in mixtures. **Pkt. 25c.**

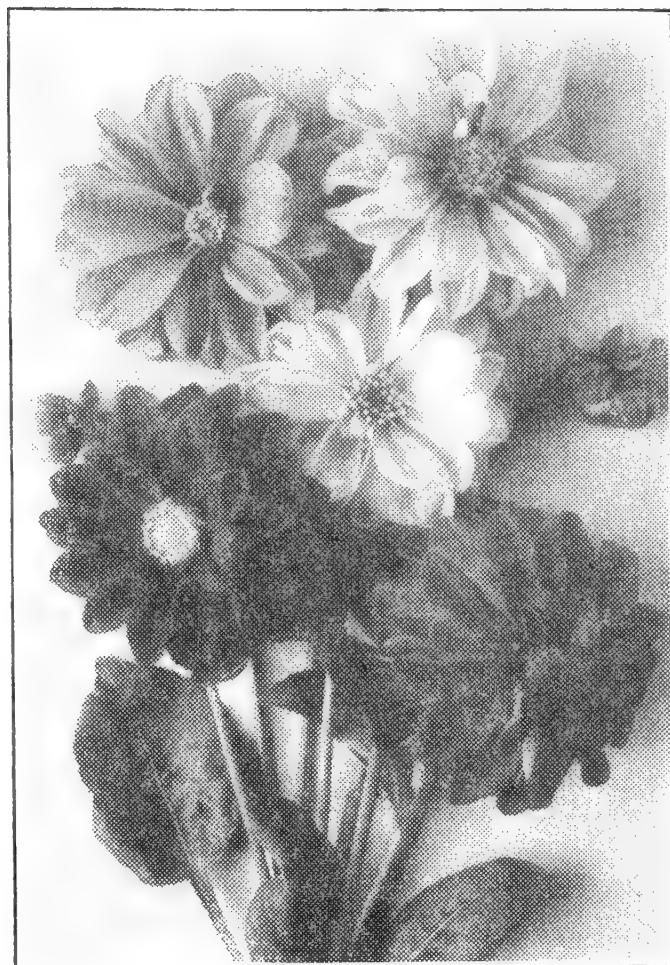
## **Iceland Poppies**

**ICELAND SINGLE MIXED**—**Pkt. 15c.**

## **Giant Winter Blooming Pansies**

These are unusually hardy and bloom very early in spring; where winters are mild they bloom throughout the cold months.

**ICE PANSY (Hiemalis)** — A complete range of colors in mixture. **Pkt. 25c.**



Unwin Bedding Dahlias—Page 47

## **Pansies**

Sow early inside or outside in March or August for spring plants. **Prices, unless noted: Pkt. 25c.**

**BUTTERFLY HYBRIDS**—New; a rainbow collection, abundantly ruffled, frilled, fluted, and marked with sun rays and blotches of butterfly sheen metallic jewel tones. **Pkt. 100 seeds 50c.**

**CORONATION GOLD**—Largest and best pure yellow pansy.

**IMPROVED SEA BLUE**—Best blue.

**JUMBO MADAM STEELE**—Giant velvety purple.

**GORGEIOUS RED**—A deep red pansy with a deeper red blotch.

**MOON MOTH**—A very beautiful white with the outstanding characteristic of Pay Dirt. Dark blue pencil markings radiate from the center. **Pkt. 50c.**

**PAY DIRT**—The largest golden yellow ever produced. Blooms have dark ring or tiny dark faces. Fine habit of growth and resistant to summer heat. **Pkt. 50c.**

**ROGLLI'S GIANTS**—An excellent range of color. Giant flowers on long sturdy stems. Compact plant. **Pkt. 35c.**

**MASTER MIXED**—Fine mixture of the giant type pansies.

**JUMBO MIXED**—Wonderful shades. Massive flowers on strong stems. Contains many red and bronze shades. **Pkt. 35c.**

**OREGON GIANTS MIXED**—Giant flowers in a good range of colors. **Pkt. 20c.**

## Pentstemon

**SENSATION**—Gloxinia-like flowers on graceful 2' spikes. A wide range of bright colors. Only half hardy, and should be covered in winter. **Pkt. 15c.**

## Physalis (Chinese Lantern)

**FRANCHETI**—Largely grown for its vividly colored scarlet-red, lantern-shaped fruits which, when cut and dried, are widely used for winter bouquets. Does well in sunny locations. **Pkt. 15c.**

## Primrose, Hardy

**GIANT POLYANTHUS**—Large, thick round clusters of orange, purple and crimson flowers. Extra fine colossal strain. Veris Mixed. **Pkt. 35c.**

**POLYANTHUS ALBA**—White. **Pkt. 50c.**

**LUTEA**—Sulphur yellow. **Pkt. 25c.**

**JAPONICA MIXED**—Clusters of bright colors. **Pkt. 25c.**

**AURICULA MIXED**—A favorite variety; 6 inches tall. Yellow, brown, red in mixture. **Pkt. 25c.**

## Phlox

**BELTSVILLE BEAUTY (New)**—If autumn sown, this Phlox will flower the following spring, and each spring following like the usual perennial form, with a much larger range of color. The majority are quite large flowered and bear many stems of large umbels. To insure good germination, seed should be frozen before planting. Many gardeners freeze seed in an ice cube and plant cube and all. **Pkt. 35c.**

## Pyrethrum

**HYBRIDUM MIXED**—Large, single daisy-like flowers in pink, red and white mixed. **Pkt. 25c.**

**DOUBLE MIXED**—**Pkt. 25c.**

## Ranunculus

**MAMMOTH DOUBLE MIXED**—Yellow, orange and red tones. Compact plants. Double and semi-double flowers. Very attractive in hardy border in early summer. Seed may require from 3 to 6 weeks to germinate and soil must not be permitted to dry out. **Pkt. 35c.**

## Salvia

**AZUREA (Perennial)**—Sky blue. **Pkt. 20c.**

## Scabiosa (Caucasica)

**HOUSE'S HYBRIDS**—Excellent strain with large flowers in June to September. Lovely shades of blue, mauve, lavender and white on long graceful stems. **Pkt. 25c.**

## Sedums (Succulent)

**BORDER BLEND**—Taller varieties, fine for front of mixed hardy border, or foundation planting. **Pkt. 25c.**

**DWARF HARDY**—Right for rock garden, edging or terrace covering. **Pkt. 25c.**

## Solanum (Pseudo-Capsicum)

**JERUSALEM CHERRY**—A small plant whose small globular scarlet and yellow fruit make it an attractive pot plant for the house. **Pkt. 25c.**

## Statice

**PEREZII**—Bright blue. 12". **Pkt. 15c.**

**CASPIA**—Small lilac blooms on branched stems. 30". **Pkt. 15c.**

## Shasta Daisy

**G. MARCONI (Re-selected)**—The largest flowered and finest double Shasta Daisy strain. Long stemmed. **Pkt. 50c.**

**GIANT DOUBLE SHASTA DAISY**—Large flowers that look like shaggy white asters. Extra long stems. As this is a new strain, a few single flowers may show. **Pkt. 35c.**

**ALASKA**—The popular evergreen, with single glistening, white flowers often 5" across. **Pkt. 10c.**

## Stokesia

**CYANEA BLUE**—Fine cut flowers; 2'. **Pkt. 15c.**

## Sweet William (Biennial)

**NEWPORT PINK**—Salmon rose. **Pkt. 15c.**

**ALBUS WHITE**—Good white. **Pkt. 15c.**

**DWARF MIXED**—Extra double dwarf. **Pkt. 25c.**

**SCARLET BEAUTY**—Large clusters of deep scarlet. Very popular. **Pkt. 15c.**

**MAMMOTH MIXED**—Gigantic. Single flowers in a great range of color. **Pkt. 15c.**

**DOUBLE MIXED**—Selected. **Pkt. 20c.**

## Sweet Rocket

**SWEET ROCKET (Matronalis Mixed)**—3' tall, fragrant spikes of blooms for May cutting. **Pkt. 15c.**

## Thalictrum (Meadow Rue)

**DIPTEROARPUM**—Lilac-mauve with yellow anthers. 4' tall. **Pkt. 25c.**

## Tigrida

**MIXED (Mexican Shell Flower)**—Large triangular shaped flowers in bright colors. **Pkt. 20c.**

## **Tritoma (Red Hot Poker)**

**PFITZER'S HYBRIDS**—Easily grown. 4' to 5' tall. Brilliant red. **Pkt. 15c.**

## **Tunica**

**SAXIFRAGA**—A pretty tufted plant with light rose flowers. Used for rockeries or borders. **Pkt. 15c.**

## **Viola Cornuta (Tufted Pansies)**

**JERSEY GEM**—Violet blue. **Pkt. 25c.**

**ARKWRIGHT RUBY**—Dark crimson scarlet. **Pkt. 15c.**

**LUTEA SPLENDENS**—Chrome-yellow. **Pkt. 15c.**

**CHANTREYLAND**—Apricot. **Pkt. 15c.**

**TUFTED PANSIES MIXED**—**Pkt. 15c.**

**JOHNNY-JUMP-UPS**—Little "pansy" flowers in extraordinary profusion from spring to late autumn. Wide range of Color. **Pkt. 25c.**

## **Wallflower**

Half hardy, blooming in the spring. Easily grown from seed.

**MAMMOTH DOUBLE MIXED**—Giant flowers; mostly double. **Pkt. 15c.**

**SIBERIAN**, bi—12" high with bright orange flowers. **Pkt. 15c.**

## **Rock Garden Mixture**

Wonderful mixture made from 50 rare and choice rock garden perennials. **Pkt. 35c.**

## **LIST FOR SPRING PLANTING**

We offer here a very complete list of bulbs and plants for spring planting. You will find here many fine flowers not usually listed. It is always our endeavor to secure quality in bulbs and to offer proven varieties. These offers subject to change in 1951 Fall Catalog. All prices postpaid unless otherwise noted.

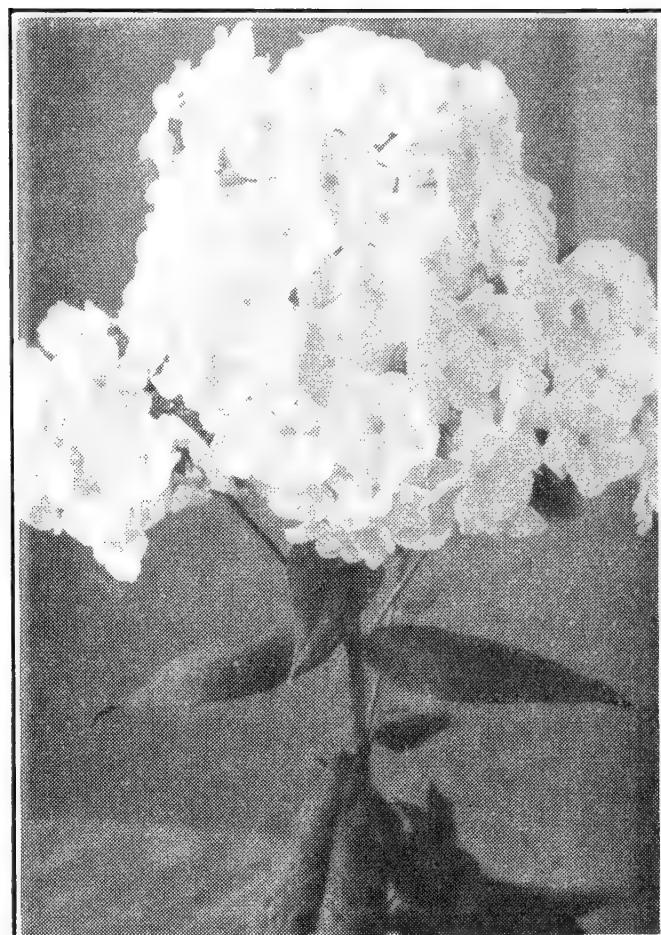
## **Abyssinian Sword Lily**

A new introduction to the world of cultivated flowers. A real find from Western Abyssinia. It grows from bulbs or corms which form numerous bulblets or cormels. As easily grown as the gladiolus. It is similarly planted and harvested. It flowers from mid-August to September. It has tall rigid stems, 4 feet or higher, with very sweetly scented flowers. Petals are pure glistening white with a purplish maroon blotch at their base. An excellent cut flower. Excellent flowering size bulbs but naturally small. Available in February and March. **Each 20c; 3 for 55c; doz. \$2.00.**

## **Agapanthus**

**(BLUE LILY OF THE NILE)**

They produce large umbels containing 100 up to 150 buds and blooms all at once, blooming in July and August. The evergreen foliage resembles that of the amaryllis and the flower stems stand sturdy as high as 4 feet. Hardy along the coast and throughout California except in high elevations. In other sections it is best to cover them during winter. Large, single divisions available January to April. **Each 45c; 3 for \$1.20; doz. \$4.50.**



**Phlox, Beltsville Beauty—Page 50**

## **Bletilla Hyacinthina Bulbs**

**HARDY CHINESE ORCHID**—Hardy under all conditions. It bears 7 to 8 orchid shaped flowers on stems 12 inches tall. Also good in pots and frequently used for corsages. Offered in **Lavender and White**. Each 75c; 3 for \$2.00; doz. \$7.50.

## **Amaryllis**

**CALIFORNIA HYBRIDS**—A fine strain of large Amaryllis Hybrids. The bulbs can be potted January to May and flower freely indoors. They can also be grown in the garden and be taken up and stored like Gladioli. A good range of colors in mixture. Large bulbs. **Each 90c; 3 for \$2.50; doz. \$9.00. Postpaid. For 5th zone and beyond add 10% to these prices.**

**HARDY AMARYLLIS BELLADONNA**—Throughout the spring months they produce attractive green foliage which dies down in July. A month later the flower stalks spring out of the ground to a height of 2 to 3 feet with umbels of lily shaped flowers 8 to 12 in number and of delicate lilac pink color. Large bulbs. **Each 50c; 3 for \$1.35; doz. \$5.00. For 5th zone and beyond add 10% to these prices.**

## **Bleeding Hearts**

**SPECTABILIS**—A popular hardy perennial and of easiest culture. Long racemes of graceful heart shaped flowers. Will do well in shade or sun. **Each 75c; 3 for \$2.10. Postpaid.**

# Begonia Bulbs

## TUBEROUS-ROOTED

They begin blooming in July and are very valuable for summer flowers in shady places. They produce huge flowers in a great range of pastel and bright colors. The enormous blooms, often 6 inches and more across, are held above the broad, attractive foliage. They may be grown in pots inside or started in pots and planted outside. Cultural directions will be sent with each order. Ready February to April. You may order 6 of one kind or of one color at the dozen rate. We offer large bulbs, that with good care produce a fine display. **Not less than 6 at the dozen rate.**

**DOUBLE CAMELLIA**—Giant double flowers, beautifully frilled and fringed on the outer edges. Offered in the following colors in large flowering sized bulbs. White, Rose, Scarlet, Red, Pink, Yellow, Orange, Salmon, Apricot and Mixed. Each 35c; 3 for 95c; doz. \$3.50. **Postpaid.**

**CARNATION OR DOUBLE FRILLED**—Large double flowers resembling a carnation in form. The petals are frilled and have serrated edges. Offered in Yellow, Pink, Blush, White and Mixed. Each 35c; 3 for 95c; doz. \$3.50. **Postpaid.**

**HANGING BASKET TYPE**—Double blooms, of medium size, often 100 flowers to a plant. Offered in Apricot, Rose, Salmon, Dark Red, Scarlet, Orange, Yellow, Pink, White and Mixed. Each 35c; 3 for 95c; doz. \$3.50. **Postpaid.**

**CRISPA SINGLE**—Produces large, profusely frilled and ruffled single blooms. Recommended in place of old type of single. Offered in Red, Pink, Apricot, White, Yellow and Mixed. Each 35c; 3 for 95c; doz. \$3.50. **Postpaid.**

**ROSE BUD MIXED**—A double type resembling perfect rose buds. Many blooms have two shades. Offered in a mixture of pastel shades. After the third day they open and flatten out. Large bulbs. Each 50c; 3 for \$1.35; doz. \$5.00. **Postpaid.**

**CRISTATA MIXED**—A single type, slightly frilled, with a Coxcomb-like tuft or crest on each petal. Very novel form. Each 35c; 3 for 95c; doz. \$3.50. **Postpaid.**

**PICOTEE**—Camellia type blooms with edges of petals marked in a contrasting color. Offered in Mixture only. Each 35c; 3 for 95c; doz. \$3.50.

**MARGINATA TYPE**—Crispa type with distinct margin around the edges. White with pink edges and salmon with scarlet edge. Each 35c; 3 for 95c; doz. \$3.50.

**SPECIAL MIXTURE**—Blend of several main types in mixture only. 3 for 90c; doz. \$3.25.

## NAMED TUBEROUS BEGONIAS

**RED TRIUMPH**—A very large, ruffled camellia type with velvety texture. Each 70c; 3 for \$2.00.

**ROSE DAWN**—Large, ruffled flowers of rose pink resembling a full blown rose. Each 70c; 3 for \$2.00.

**AUTUMN GLOW**—Extremely large flowers, the tufts of which are deep copper, contrasting with the rest which is apricot. Blooms often measure 10 inches across. Each 70c; 3 for \$2.00.

# Calla Lilies

Hardy outdoors along the Coast of Oregon, Washington, also in the milder sections of California. Plant 4 inches deep and 2 feet apart. Available January to April. Can be started inside. **Postpaid unless noted.**

**LARGE WHITE CALLA**—Strong, vigorous grower with flower stems 3 to 5 feet high. Large roots. Each 50c; 3 for \$1.40; doz. \$5.00. **Postpaid.** For 5th zone and beyond add 10% to these prices.

**YELLOW CALLA**—Flowers bright yellow, foliage deep green, spotted white. Plant 1 to 2 inches deep. Good tubers. Each 50c; 3 for \$1.40; doz. \$5.00.

**PINK CALLA**—Medium sized flowers of rose pink shading to cerise when fully open. Height 10 inches. Each 60c; 3 for \$1.65; doz. \$6.00.

**BLACK CALLA (Arum Pictum)**—The odorless black calla. Good tubers. Each 75c; 3 for \$2.00; doz. \$7.50.

**ALBA MACULATA**—Dwarf white flower with red markings and blotches in the throat. Medium size. Quite rare. Each 65c; 3 for \$1.80; doz. \$6.50.

# Gill's Cannas

Valuable for foliage and their large brilliant flowers. Root divisions may be started in pots and transplanted about May 15 to June 15, depending upon location and seasons. Place about 2 feet apart in rows and 4 feet between rows. In mass beds they may be planted closer.

**Prices Postpaid**—Any variety: root divisions ready March and April. Each 20c; 3 for 55c; doz. \$2.00. Plants ready May and June. Each 45c; 3 for \$1.25; doz. \$4.50.

**KING HUMBERT**—Large orange scarlet flower and with deep bronze red foliage, 3 feet tall.

**THE PRESIDENT**—Immense bright red flowers in large clusters. Plants 3½ feet tall. Green foliage.

**YELLOW KING HUMBERT**—Tall green foliage, yellow flowers, spotted red.

**CITY OF PORTLAND**—Compact dwarf growth. Luxuriant green leaves, rosy pink flowers.

# Day Lilies, Hemerocallis

These hardy perennials are greatly improved, far surpassing the old varieties. Fall and Spring delivery. The dozen rate is 10 times the single rate. 6 of one kind at the dozen rate. **Prices postpaid.**

	Each
<b>BAGDAD</b> —Coppery red and brown	\$ .50
<b>BLACK HAWK</b> —Deep maroon with contrasting yellow throat	1.50
<b>CHENGTU</b> —Coppery red and carmine	.85
<b>DAWN</b> —Rosy buff tone	.00
<b>GOLDEN DREAM</b> —Deep golden orange	.60
<b>GOLDINI</b> —Deep gold	.35
<b>HYPERION</b> —Waxy canary yellow	.65
<b>J. S. GAYNOR</b> —Soft apricot	.50
<b>KWANSO</b> —Large double orange, toned copper	.50
<b>LINDA</b> —Golden yellow; red eye	.50
<b>MIKADO</b> —Orange and maroon	.50
<b>MODESTY</b> —Pale lemon yellow	.50
<b>MOROCCO RED</b> —Garnet red. 3 ft. July	1.50
<b>ROYAL</b> —Fragrant golden yellow	.50
<b>SUNNY WEST</b> —Big canary yellow	.60
<b>TAJ MAHAL</b> —Maize yellow with purple	.75

# Colchicum (Autumn Crocus)

A very unusual flower which blooms a few weeks after planting, blooming without foliage. They will also bloom on a shelf or table without water or soil. Flowers shaped somewhat like Crocus but larger and bloom before the foliage appears. It is sometimes called the Autumn Crocus. They bloom early in the fall. For delivery in August. You may order previous to that time and we will hold it for delivery in August.

**AUTUMNNALE**—Large, pale lavender. Each 25c; 3 for 70c; doz. \$2.50. **Postpaid.**

**ALBUM**—Large pure white. Each 35c; 3 for \$1.00; doz. \$3.50. **Postpaid.**

**VIOLET QUEEN**—Rich violet color. Each 30c; 3 for 80c; doz. \$3.00. **Postpaid.**

# Gloxinias

These brilliant colored flowers are easily grown inside. One of the easiest pot plants to grow. Plant from February to May. One bulb in 5-inch pot, cover bulb about one inch and water sparingly, until sprouted. Offered in mixture only containing scarlet, dark violet, dark crimson and bi-color. Available in February and March. Each 45c; 3 for \$1.40.

# Gerbera (Transvaal Daisy)

**CALIFORNIA HYBRIDS**—A superior strain of giant single and duplex types with wide open flowers in a well blended mixture of brilliant colors, predominating in salmon, orange, red and pink shades. Delivery February to May. Large 2 to 4 eye root divisions. If left outside during the winter they need protection. Offered in mixture only. Each 35c; 3 for 95c; doz. \$3.50.

## Iris, Spuria (Root Iris)

Non-bulbous, rhizomatus, for outside culture. Marvelous long stemmed cut flowers. Should be planted before March 1st. Prices on both kinds. Each 25c; 3 for 70c; doz. \$2.50.

**AUREA**—The richest of all yellow iris. Self golden blooms of the same substance, form and size as Dutch iris, but four blooms on 4 to 5-foot stems.

**OCHROLENCA**—Like Aurea but early flowering and ivory white with a gold band in the center of the falls.

## Bearded Iris

These popular, hardy Iris in new and standard varieties are offered in our fall catalog. They should be planted from July to November. If interested ask for our catalog of last fall. We offer some of the very best novelties.

## Peruvian Lily (Alstromeria)

**AURANTIACA**—Large orange flowers in clusters and a splendid cut flower. Very productive of flowers on long stems. Root divisions can be planted in fall or early spring. Each 25c; 3 for 70c; doz. \$2.50.

## Lily of the Valley

Hardy out of doors. They require a mellow, rich soil and a moist, shaded position. Cover pips one-half inch deep. Delivery November to February. Oregon grown pips: 6 for 40c; doz. 70c; 100 for \$4.50. Postpaid.

## Hardy Lilies

These hardy lilies may be planted in the fall or early spring. Our bulletin covering culture will be enclosed with shipments. We offer bulbs that will bloom the first year under proper culture. Candidum varieties should be ordered in the summer so that prompt shipment can be made upon arrival of the bulbs. Prices postpaid.

**AURATUM (Platiphyllum) (Gold Banded Lily)**—One of the largest and most beautiful of all lilies. The immense blooms are brilliant, sweet scented and artistic. We offer clean, healthy bulbs that will bloom the first season. White petals, dotted with small dark spots with distinct yellow band through the center of the petals. Large bulbs. Available February. Each 75c; 3 for \$2.15; doz. \$7.50.

**CANDIDUM (Cascade)**—An improved strain of this old variety. Larger flowers and taller stalks. Blooms in July. Vigorous in growth. Plant in early fall. Each 50c; 3 for \$1.35; doz. \$5.00.

**CENTIFOLIUM (Olympic Hybrids)**—Beautiful, hardy garden lilies with vigorous growth reaching as high as 6 feet tall. The flowers range from trumpet shape to bowl formation. Colors range through creamy yellow, purplish tones, icy green and white. Mixture only. Blooms after Regal lilies. Each 35c; 3 for \$1.00; doz. \$3.50.

**SPECIOSUM RUBRUM (Pink Tiger Lily)**—A strong, vigorous grower with stems 3 to 4 feet tall, with bright blossoms which are shaded rose and spotted deep red. Plant 9 inches deep. Available January. Each 65c; 3 for \$1.85; doz. \$6.50.

**SPECIOSUM ALBA**—Highly prized white form of Speciosum Rubrum; blooms about two weeks later than the Rubrum. Available in January. Each 75c; 3 for \$2.00; doz. \$7.50.

**TESTACEUM**—Salmon apricot with orange antlers. Does well under the same conditions as Candidum and blooms at the same time. A very unusual lily. Plant in August; 3 inches deep. Each \$1.15; 3 for \$3.25; doz. \$11.50.

### National Grange History

A new and very complete history of this fine old farm organization. A well bound book of 560 pages. Valuable for Grange officers and members, students and libraries. Postpaid for \$3.50 each.



Abyssinian Sword Lily. See page 51.

## Montbretias

Flowers and spikes resemble small gladioli. Hardy in the West and South, also in the North if given some protection with leaves or strawy manure. The bulbs increase rapidly and produce good cut flowers. Hardy perennials which can be sent in the fall or early spring. They grow from 2 to 4 feet tall and bloom freely. Fine for borders along fences and for naturalizing. Flowers range according to varieties, one-half to two inches in diameter. We offer some fine new named varieties. More detailed descriptions in our Fall Catalog. Prices on new varieties: 3 for 30c; doz. \$1.00; 100 for \$6.50. Postpaid.

Not less than 6 at the dozen rate.

## NEWER MONTBRETIAS

**WESTWICK**—Orange and gold.

**KATHLEEN**—Orange suffused red.

**LADY WILSON**—Large, golden.

**ROSEA**—Light rose pink.

**NIKOLAS MAES**—Reddish yellow.

**LADY HAMILTON**—Light orange and red.

**NORWICH**—Yellow.

**VEСUVIUS**—The deepest red.

**SIR MATHEW WILSON**—Large orange red.

**BRIGHT AND BEST**—Orange red and gold.

**FINE MIXED**—Splendid mixture. Doz. 75c.

## Ranunculus

**TECOLOTE GIANTS MIXED**—They can be planted in the fall or early spring. Feb., March and April plantings are very successful. A great range of color and embracing many new shades. Giant double and semi-double, peony-like flowers, two inches across. Yellows from straw color through all shades to deep golden yellow-red, including dark crimson, scarlet, orange-red, in fact all shades of red and orange-pink. Can be planted outside in the fall in Southern States and along the Pacific Coast in Oregon and Washington, and are usually safe with some protection. They may be grown inside in frames or pots. Flowers are borne freely on stems 12 to 15 inches. In mixture only. 3 for 35c; doz. \$1.25; 100 for \$9.35.

## Milla Biflora

White, wax-like flowers, about 2 inches in diameter. Wiry stems, 12 to 18 inches tall, bearing 2 to 7 flowers each. Free blooming from July to September. Flowers cut well and have slight fragrance. January to February delivery. 3 for 35c; doz. \$1.25.

## Tuberoses

Lovely, large white flowers of thick wax-like texture on graceful, long, strong stems. Valuable in the gardens, also for cut flowers. They also have a rich, exotic fragrance. Plant after danger of frost, 2 inches deep to top of bulb. They prefer well-drained soil and sunshine. The flower stems are about 15 to 20 inches tall and bloom in August and September. Near the seacoast they can be left in the ground over winter but in other sections it is best to dig and store them. Available in February. 3 for 40c; doz. \$1.50.

## Tigridia or Tiger Flower

Gorgeous colors, produced during the summer. Short lived blooms but very brilliant. Plant 2 to 3 inches deep and 6 to 8 inches apart. We offer a fine range of colors in mixture. Blooming sized bulbs ready in January. Mixed only, shades of scarlet, cream, rose, yellow and orange. 3 for 35c; doz. \$1.25; 100 for \$8.50. Postpaid.

## Tritoma

Prices postpaid. For 5th zone and beyond add 10% to these prices.

**PFITZER'S HYBRIDS**—These new hybrids have a range of color from white to red shades. Hardy perennials blooming August to October. Tall spikes often 3 feet tall. Available February to April. Roots. Each 30c; 3 for 80c; doz. \$3.00.

**EARLY EXPRESS**—Early flowering, large deep red and yellow. Each 25c; 3 for 65c; doz. \$2.50.

## Hardy Phlox

We offer new and standard varieties of hardy phlox in strong one year growth, disease free. Ready in October until May 1st. **Prices postpaid. 6 of one kind at dozen rate. For 4th zone and beyond add 5c for each plant.**

**APOLLO**—Large, pure white. Tall and late. Each 35c; doz. \$3.50.

**BRILLIANT**—Fiery carmine with deeper eye. Early. Each 25c; doz. \$2.50.

**CAROLINE VANDEBERG**—Large, lilac blue. Each 40c; doz. \$4.00.

**CHERRY RIPE**—Large, deep rose, shaded scarlet. Early. Each 40c; doz. \$4.00.

**FLASH**—Bright, scarlet red; medium height. Each 30c; doz. \$3.00.

**FRAU ALFRED VON MAUTHNER**—Giant clusters of salmon orange; crimson eye. Each 40c; doz. \$4.00.

**GRAF ZEPPELIN**—White with vermillion red eye. Each 35c; doz. \$3.50.

**MRS. HARDING**—Large, brilliant scarlet, with orange cast. Each 35c; doz. \$3.50.

**MRS. R. P. STRUTHERS (Improved)**—Large, tall, salmon rose. Each 25c; doz. \$2.50.

**RHEINLANDER**—Beautiful salmon pink, darker eye. Each 30c; doz. \$3.00.

**ROSEA SUPERBA**—Giant clusters, soft pink with deeper eye. Each 35c; doz. \$3.50.

**RUBY LEE**—Large plum purple. Late. Each 40c; doz. \$4.00.

## Rhubarb

Rhubarb can be planted in October and November, depending upon your locality. Fall planting enables you to have quicker results than spring planting. We offer good, strong divisions with good eyes to start the crowns. For quantities write for prices. Ready for shipment about November 1. Prices quoted are for good divisions. Do not pull any stems the first year after planting. Space 2 1/2 feet apart in the rows and 6 feet between rows. If planting is deferred until Spring set them out before May 1. If you are unable to set them out when received plant in moist sand until ready. If the root divisions are planted in soil that is too dry they may fail. **Prices Postpaid. Beyond the 4th Zone add 10% extra to these prices.**

**CHIPMAN'S CANADA RED**—This new variety has the reddest interior in the stems of any kind yet introduced. The exterior of the large stems is bright crimson. The interior is really red throughout the whole length of the stem. Not a faint pink but a real red. Somewhat sweeter than most varieties. Each 50c; 3 for \$1.35; doz. \$4.75.

**McDONALD**—A splendid new rhubarb. Very productive of extra large stems with bright crimson exterior and better interior color than most of the older varieties. Each 55c; 3 for \$1.50; doz. \$5.00.

**RIVERSIDE GIANT**—Extra large stems of bright crimson. One of the best producers for market. High quality. Each 40c; 3 for \$1.10; doz. \$4.00.

## VALENTINE, New Rhubarb

The last word in fine rhubarb. Developed by Ontario Experiment Station, Canada. Best of the new "all-red" varieties. Official report on Canadian Cooking Tests of 25 leading varieties: "Valentine sauce rated highest. Color an even, deep bright red. Texture: smooth and tender. Flavor: pleasing with slightly tart after taste. All testers accorded Valentine the highest standard." Valentine has the richest color, the best flavor, the largest stalks, and the fewest seed stalks, of all the new red sauce producers. Larger than Chipman's and equally red inside. It seldom sends up a seed stalk. Each 80c; 3 for \$2.25; doz. \$8.00.

## Everbearing Strawberries

With the coming of the large, fine flavored, rich colored everbearing varieties there has been a greater interest in growing strawberries in the home gardens. They can be planted in the spring or in October and early November. Always select a well drained location convenient for watering the plants during the summer production. We supply healthy clean plants.

**Note: Read Before Ordering**—Because of distance and delay from inspections, sale of strawberry plants will be limited to the states of Oregon, Washington and Idaho. Exceptions will be made on lots of 100 or more when shipped by Express. Plants will not be sent C.O.D. Payment should accompany the order. **Beyond the 4th Zone add 10% extra to these prices.**

**ROCKHILL**—Large bright berries produced in large quantities all summer and fall. This variety makes very few runners and most of the plants are secured by dividing up the one year old plants. This has the advantage of eliminating the second rate producers. Many people believe that the Rockhill berry should not make runners, however this is not true. If given plenty of fertilizer and water they will make some runners and these are ideal for setting out. **Postpaid. Doz. \$1.25; 50 for \$4.50; 100 for \$8.50.**

**NEW STREAMLINER**—A new variety of delicious quality and producing heavy crops of large berries. This new berry originated in Oregon and has made quite a sensation. It bears throughout the season from Spring until late Fall. **Prices Postpaid. Doz. \$1.10; 50 for \$4.25; 100 for \$7.50.**

**MARSHALL**—Standard type, not everbearing. One of the best for market and home use. Large, dark red fruit with deep red clear through the berries. Exceptionally fine quality. **Doz. 60c; 50 for \$2.00; 100 for \$3.50. Postpaid. Write for quantity prices.**

## BLETILLA HYACINTHINA

See Page 51

# VEGETABLE PLANTS

**IMPORTANT NOTICE**—We positively will not send any plants C.O.D. Payment on plant orders must accompany the order. For safe shipment we advise that vegetable plant orders be limited to Oregon, Washington, Idaho, Wyoming, California, and Western Montana.

**NOTE**—Because there is often confusion in ordering and shipping plants we urge our customers to put the section number along with the variety.

## WINTER HARDED CABAGE PLANTS — Section 1

Crop failed due to extreme dry fall.

## GREENHOUSE GROWN CABAGE PLANTS — Section 2

These plants are grown in greenhouses in flats, and except Jersey Wakefield, the seed cannot be sown outside in the fall for winter hardened plants. Ready about March 1st to May 1st.

**VARIETIES** are GOLDEN ACRE, COPENHAGEN MARKET, EARLY JERSEY WAKEFIELD and GLORY OF ENKHUIZEN.

**PRICES, POSTPAID:** Doz. 35c; 3 doz. 90c; 100 @ \$2.50. (These prices are based upon one variety only. If your order is divided into more than one variety add 10% to these postpaid prices.)

## CAULIFLOWER PLANTS, GREENHOUSE GROWN — Section 3

**EARLY SNOWBALL** No. 16—Success in home gardens with early cauliflower is rather difficult for the crop matures during warm weather. They require rich soil and plenty of water. **PRICES, POSTPAID:** Doz. 40c; 3 doz. \$1.00; 100 @ \$2.75.

## SUMMER CABAGE, FIELD GROWN — Section 4

Well hardened field grown plants, ready about May 15th to June 15th. Available until July 1st. These will produce heads in late summer and early fall. These plants are of our own growing.

**VARIETIES** are COPENHAGEN MARKET, GLORY OF ENKHUIZEN, PORTLAND ROUNDHEAD and OREGON BALLHEAD. (These varieties listed in order of maturity.) **PRICES, POSTPAID:** Doz. 30c; 3 doz. 75c; 100 @ \$1.75. (These prices are based upon one variety only. If your order is divided into more than one variety add 10% to these postpaid prices.) **Prices not prepaid,** 250 @ \$2.00; 500 @ \$3.50; 1000 @ \$6.50.

## LATE CABAGE PLANTS, FIELD GROWN — Section 5

Sturdy, well hardened field grown plants of our own growing. Ready July 1st to September 1st.

**VARIETIES** are OREGON BALLHEAD, DANISH BALLHEAD, SEIDL BALLHEAD, PORTLAND ROUNDHEAD, DANISH ROUNDHEAD, RED CABAGE and SAVOY. **PRICES, POSTPAID:** Doz. 30c; 3 doz. 75c; 100 @ \$1.60. (These prices are based on one variety only. If your order is divided into more than one variety add 10% to these postpaid prices.) **Prices not prepaid,** 250 @ \$1.90; 500 @ \$3.00; 1000 @ \$4.85; 5000 @ \$4.60 per M.

## BRUSSELS SPROUTS, FIELD GROWN PLANTS — Section 6

Hardy plants, ready July 1st to September 1st. **PRICES**, same as Late Cabbage plants above.

## KALE PLANTS, FIELD GROWN — Section 7

Hardy plants, ready July 1st to September 1st. More kale should be planted, for it is very hardy, easily grown, and very essential for proper nutritional balance.

**EDIBLE VARIETIES** — TALL GREEN SCOTCH CURLED, DWARF BLUE GREEN CURLED, DWARF GERMAN CURLED and GEORGIA COLLARDS. **Same prices as Late Cabbage above.**  
**FEEDING VARIETIES** — JERSEY KALE and 1000 HEADED. Valuable for poultry and livestock. Same prices as Late Cabbage above.

## LATE CAULIFLOWER AND BROCCOLI PLANTS — Section 8

Hardy field grown plants, ready July 1st to September 1st.

**VARIETIES** are NOVEMBER-DECEMBER CAULIFLOWER, ST. VALENTINE OREGON SPECIAL, PURPLE CAULIFLOWER and GREEN BROCCOLI MEDIUM. **PRICES, POSTPAID:** Doz. 35c; 3 doz. 80c; 100 @ \$2.00. (These prices are based upon one variety only. If your order is divided into more than one variety add 10% to these postpaid prices.) **Not prepaid,** 250 @ \$2.50; 500 @ \$3.50; 1000 @ \$6.50; 5000 @ \$6.25 per M.

## TOMATO PLANTS — Section 9

These are grown in flats in greenhouses or in frames. Ready about April 25th to June 20th.

**VARIETIES** are ALL PURPOSE, GILL'S SELECTED EARLIANA, IMPROVED PEPPER TOMATO, IMPROVED WASATCH BEAUTY, JUBILEE, BONNY BEST, PRITCHARD, BREAK O'DAY, STOKESDALE, MASTER MARGLOBE, SEATTLE BEST OF ALL, VALIANT, PORTER and PEAR (Yellow and Red). **PRICES, POSTPAID:** Doz. 50c; 3 doz. \$1.25; 100 @ \$3.65. (These prices are based upon one variety only. If your order is divided into more than one variety add 10% to these postpaid prices.)

## PEPPER PLANTS — Section 10

Grown in greenhouses in flats. Ready May 10th to June 15th.

**VARIETIES** are CALIFORNIA WONDER, OAKVIEW WONDER, HARRIS EARLY GIANT and RED CAYENNE. **PRICES, POSTPAID:** Doz. 50c; 3 doz. \$1.40; 100 @ \$3.70. (These prices are based upon one variety only. If your order is divided into more than one variety add 10% to these postpaid prices.)

## CELERY PLANTS — Section 11

GREENHOUSE PLANTS—Ready about March 15th. Grown in flats. UTAH JUMBO (Green Celery)  
LATE CROP PLANTS—Ready about July 1st. Grown in field beds. Same variety as above. Sometimes available in quantities. **PRICES FOR BOTH. POSTPAID:** Doz. 50c; 3 doz. \$1.25; 100 @ \$3.00.

## CAULICAB — Section 12

Ready June 15th to Sept. 1st. **POSTPAID:** Doz. 50c; 3 doz. \$1.85; 100 @ \$3.50.

## CARNATION PLANTS

**GIANT FLOWERING MIXED**—Spring grown plants. Ready April 20th to June 15th. Postpaid. Doz. 75c; 3 doz. \$2.00.

## MARIGOLD PLANTS

**NEVER BEFORE**—MIXED SHADES and ORANGE SHADES. Ready May 15th to June 20th. Postpaid. Doz. 65c; 3 doz. \$1.60; 100 for \$4.00.

# SELECT GLADIOLUS

Gladiolus bulbs should be planted 4 inches deep in good rich soil well prepared. Planting time will depend upon your choice. March 1 to June 1 will usually permit full bloom. Our bulletin on culture will be sent upon request and a copy will be included with each order.

**Prices, unless listed are uniformly: Postpaid.** Each 12c; doz. \$1.10. You can order 6 of one kind at the dozen rate. We supply good, healthy bulbs of large size that will give strong spikes of bloom.

**ABU HASSON**—Large flowers, violet blue, very dark in bud, light penciling in throat. Holland variety. Each 15c; doz. \$1.50.

**ALASKA**—Pure white flowers, a promising commercial. Each 15c; doz. \$1.50.

**BADGER BEAUTY**—Tall large lavender, creamy white throat.

**BAGDAD**—Large smoky old rose. Mid-season.

**BERTY SNOW**—Fine large lavender. Early.

**BIT O' HEAVEN**—Tall glowing deep orange, contrasting yellow throat. Medium early.

**BLACK OPAL**—Large exhibition black red. Mid-season.

**BLUE BEAUTY**—Large medium blue. Early.

**BURMA**—Huge ruffled old rose. Each 15c; doz. \$1.40.

**CAMELLIA**—Large, blush white with red throat.

**CALIFORNIA (Salbach Patented)**—Extra large, wide open, clear geranium pink with deeper blotch; long straight spikes. Each 25c; doz. \$2.25.

**CANDY HEART**—Large apricot pink, with red blotch. Medium early.

**CHAMOUNY**—Tall dark rose with silvery edge, very striking. Medium late.

**CHEHALEM**—New. Early brilliant velvety red with deeper throat. Each 25c; doz. \$2.50.

**CHIEF MULTNOMAH**—Smoky red, with cherry throat. Each 15c; doz. \$1.50.

**COMMANDER KOEHL**—Giant deep red, one of the best. Each 12c; doz. \$1.20.

**COMMANDO**—Extra fine new red; very promising cut flower. Each 15c; doz. \$1.45.

**CORONA**—Creamy white, with pink picotee edge. Mid-season.

**DIEPPE**—Fiery salmon scarlet. Each 15c; doz. \$1.50.

**ELIZABETH THE QUEEN**—Beautiful, large, clear ruffled lavender. Mid-season.

**ETHEL CAVE COLE**—Extra large light pink; early.

**FAIR ANGEL**—Large ruffled creamy white, tall; medium early.

**FLYING FORTRESS**—Immense blooms, lavender toned smoky, prominent red tongue on lower petals. Mid-season to late. Each 25c; doz. \$2.50.

**GRAF ZEP**—Early medium dark red. Each 20c; doz. \$1.90.

**GENERAL EISENHOWER**—Brilliant begonia rose, flowers immense, strong healthy grower. Early mid-season. Each 15c; doz. \$1.50.

**GENGHIS KAHN**—Beautiful, large ruffled pink; mid-season. Each 25c; doz. \$2.50.

**GRAND OPERA (Salbach)**—Huge florets, excellent form, beautiful Geranium pink. Mid-season. Each 25c; doz. \$2.50.

**GREENLIGHT**—Giant, greenish white with ruffled blooms.

**HIGH FINANCE**—Smokey orange grey with cream throat, ruffled. Late mid season. Each 15c; doz. \$1.35.

**HUNTRESS**—Pink shade of lavender, sometimes flecks. Early. Each 25c; doz. \$2.50.

**JOHAN V. KONYNENBURG**—Solid vermillion red, brighter self throat. Large blooms on tall spikes. Outstanding exhibition gladiolus. Mid-season. Each 15c; doz. \$1.50.

**KING OF HEARTS (Salbach Patented)**—A giant 8 inches across; light coral red to salmon; extra long spikes. Each 25c; doz. \$2.25.

**KING LEAR**—Giant ruffled purple, extra fine. Early mid-season.

**LADY JANE**—Cream with yellow lip on lower petals. Early mid-season.

**LANCASTER**—Exhibition purple. Each 15c; doz. \$1.50.

**LEADING LADY**—Large cream white, tall stems. Sport of Picardy. Mid-season. Each 15c; doz. \$1.35.

**LEEUWENHORST**—Deep warm pink, large flower, an improved Picardy. Each 15c; doz. \$1.50.

**MANSOER**—Dark purple red, flowers perfectly spaced on strong stems. One of the finest in this color. Mid-season. Each 15c; doz. \$1.35.

**MARGAREITE**—Giant watermelon pink, cream throat.

**MIDWAY**—Giant; ruffled deep pink.

**MISS WISCONSIN**—Fine deep rose pink, large. Mid-season. Each 15c; doz. \$1.50.

**MOTHER KAELL**—Clear waxy yellow; one of the best. Mid-season.

**MOTHER MACHREE**—Golden smoky, apricot throat.

**OREGON GOLD**—Large late yellow, edges frilled.

**OREGON ROSE**—Beautiful 3-toned rose, ruffled. Early.

**ORIENTAL PEARL**—Giant cream; a prize winner. Each 15c; doz. \$1.35.

**PANDORA**—Large, clear, soft, Geranium pink.

**PHANTOM BEAUTY**—Clear pale pink. Many florets open at one time, tall, straight spikes. Mid-season. Each 25c; doz. \$2.50.

**PINK RADIANCE**—Large, light pink; very tall. Each 15c; doz. \$1.35.

**POLAR ICE**—Pure glistening white, outstanding. Very early.

**PURPLE SUPREME**—Tall purple, silver edge.

**RANGATATA**—Giant flowers of salmon red.

**RECARDO**—Massive slate gray with scarlet glints.

**RED CHARM**—Fine shade of medium red.

**ROYAL GOLD**—Early, large rich yellow.

**SALMAN'S GLORY**—Huge creamy white with showy red blotch. A definite improvement over well known Margaret Beaton. Each 15c; doz. \$1.50.

**SHIRLEY TEMPLE**—Huge ruffled white with deep creamy throat. Late mid-season.

**SILVER WINGS**—Giant ruffled white; Picardy sport. Each 15c; doz. \$1.50.

**SNOW PRINCESS**—Large, white with tall spikes. Good commercial. Early mid-season.

**SPIC AND SPAN**—Large, ruffled, deep pink. Each 20c; doz. \$1.85.

**SPOTLIGHT**—Giant, heavy textured yellow, with red blotch. Early. Each 15c; doz. \$1.35.

**SWEET SEVENTEEN**—Soft peach rose with ruffled edge. Fine cut flower. Each 15c; doz. \$1.35.

**TIP TOP**—Magnificent glowing red. Mid-season. Each 15c; doz. \$1.35.

**TIVOLI**—Soft rose with cream throat. Rated as one of Europe's best post-war introductions. Each 15c; doz. \$1.50.

**TUNIAS TRIUMPH**—Large, medium dark red, fine cut flower. Each 15c; doz. \$1.35.

**WHITE GOLD**—Giant blooms of creamy white with yellow throat. Early.

**ZUNI**—Smoky old rose, apricot rose throat, red lined. Lightly ruffled. Mid-season.

## Gladiolus in Mixtures

**GILL'S FANCY MIXED**—A mixture from named sorts containing more varieties than any mixture we offer. The names are not attached to the bulbs and the varieties are our own selection. Large bulbs. 3 for 25c; doz. 85c; 50 for \$3.25; 100 for \$6.00.

**GIANT MIXED**—This mixture embraces many fine varieties in a good range of color. Made up from named varieties in No. 1 size, 1½ inches in diameter or larger. Our selection of varieties. Postpaid. 3 for 25c; doz. 80c; 50 for \$3.00; 100 for \$5.75.

SEE SPECIAL GLADIOLUS OFFERS  
INSIDE OF BACK COVER.

# GILL'S RELIABLE DAHLIAS

Dahlia orders will be filled during the latter part of March and through April and May, but may be sent any time for booking, and will be filled in the rotation received. No dahlia orders will be filled after June 1, except collections, which will be sent up to June 15. All Dahlia prices postpaid. The rate for a dozen of one kind is 10 times the single rate. Six of one kind at the dozen rate.

We publish a bulletin telling how to care for dahlias. This is sent free to all if requested and a copy is included with each order of bulbs. See **dahlia collections on inside of back cover.**

When you receive your dahlia tubers open them very carefully so that the eyes on the tubers will not be injured. Keep them in a cool place, away from frost, until ready to plant. The dahlia tubers we offer are mostly grown in Oregon.

## Informal Decorative Dahlias

This type lacks the uniformity of the formal decoratives and the petals are more expanded. Many have longer petals and they are often more loosely arranged than the formal type. The plants grow vigorously and have very large flowers, usually on long, erect stems. In some varieties the petals are somewhat twisted.

**ADIRONDAK SUNSET**—Giants; vivid orange with petals tipped scarlet and yellow base. Each 50c.

**AGLOW**—10" shaggy giant, vigorous bush, cane-like stems, deep orange bronze with caramele shading to center. Each \$1.00.

**ARISTOS**—10" ruffled bicolor, rich reddish purple, generous white markings on each petal. Each \$1.00.

**AUTUMN SUNSET**—Large, lemon yellow shading to spinal red. Each 50c.

**AZURA**—Giant, lilac with bluish sheen. Each 65c.

**CALIFORNIA IDOL**—Large canary yellow, one of the finest. Blooms 10", facing out on cane like stems. Each 75c.

**CENTURY OF PROGRESS**—Velvet purple blooms held facing on low bush. Early. 8" blooms. Sometimes listed as Formal. Each 65c.

**CINNAMON BEAUTY**—12" rich clear cinnamon, bush low growing, vigorous, produces large blooms, without disbudding. Each \$1.75.

**CLARIAM KELTON**—10" flame red blended with yellow and with yellow reverse. Introduced in 1945, it is still a consistent winner and everyone's favorite. Each 75c.

**CORNELIA BRYCE PINCHOT**—Huge, shaggy, with very wide petals that roll and curl from a high, deep colored center. Clear dark burgundy with silver sheen. 10" blooms. Each 75c.

**CROYDON'S GLORY**—Giant lemon yellow. This 12" Australian novelty is among the finest of all dahlias. Each 65c.

**DIXIES WINEDOT**—Variegated white, splashed with wine; 10". Winner of three American Home Achievement medals. Each \$1.00.

**EAGLE ROCK FANTASY**—Giant blooms of pale orchid. Each 75c.

**EL RUBIO**—Huge deep velvety red. Each \$1.00.

**FLEUER DE ROSE**—Pure old rose, blooms are shaggy, with gently twisting petals. 8", early blooming. Each 75c.

**FREDA GAYLORD**—12" giant show type. Soft rosy pink lightly shaded gold. One of the very largest dahlias grown. Each \$1.40.

**HUNTS VELVET WONDER**—10" deep Tyrian purple. A very handsome dahlia for exhibition or garden decoration. Each 75c.

**JANE COWL**—Giant bronze buff and old gold, blending deeper to a perfect center. Each 50c.

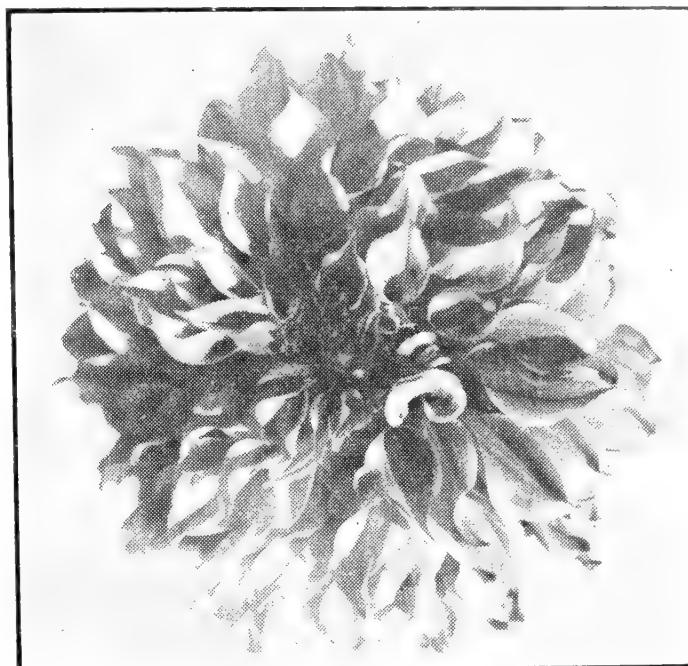
**JULIA MACK**—Distinct, large, orange red with mahogany tints. Each 50c.

**KING GEORGE**—Orange with cast of red to center and yellow reverse. 10" blooms on medium bush. Each 75c.

**LORRAINE**—Large yellow, shading to tan. Each 40c.

**MAYFAIR**—10" deep red shaggy blooms on excellent stem and bush. This variety turns semi-cactus late in the season. Each 75c.

**MAYOR OTIS**—Large flowers with blended shades of shining bronze. Each 50c.



Dahlia, Jane Cowl

## Informal Decorative Dahlias—Continued

**MRS. ELLA WORTHERN**—Large yellow flowers toned with pink and gold. Each 50c.

**NAGEL'S SUPERB**—Very distinct primrose to lemon yellow with recurved petals. Each 50c.

**PALO ALTO**—Large, straight tan; very showy. Each 50c.

**PINK GIANT**—Bright tyrean pink. Huge flowers on excellent stems. Each 60c.

**SAN FRANCISCO**—Large, soft shrimp pink. Each 75c.

**SANTA CLAUS**—5" bicolor, orange, white tip, very unusual. Each 60c.

**SHERWOOD'S PEACH**—An outstanding creation of orange and apricot. Each 65c.

**SYDNEY**—12" rose pink shaded salmon with slight gold shading at base of petals. One of the finest New Zealand dahlias. Petals roll back to stem, forming a massive flower. Tall with excellent stems. Each 75c.

**THE UNIVERSE**—Large dark red, shaded purple. Good stems. Each 50c.

**TOPFLIGHT**—Large, stately bright red. Each 85c.

**V. C. KLICKPERA**—White, blushed orchid, much in demand for weddings. 8" blooms. Each 60c.

**WATCHUNG GIANT**—Deep amber yellow, suffused orange. 10" blooms. Each 60c.

**WHITE ABUNDANCE**—A free blooming, giant white. Ideal for cutting. Each 60c.

## Semi-Cactus Dahlias

Semi-Cactus or Hybrid Cactus type flowers are fully double but the petals are shorter than those of the true Cactus type and are broader and more flat, though sometimes recurved and twisted. The stems of this type are usually strong and the plants prolific bloomers.

**EMMA WALKER**—10" to 12" semi-cactus. Lush honey yellow blooms on tall massive bush. Petals are twisted, giving very ruffled appearance and have plum splotches at tips. Each 85c.

## SEMI-CACTUS DAHLIAS—Continued

**FRANCES NORQUIST (F.D.)**—A very deep rich pink. The freely placed, narrow graceful petals, the exceptionally high center, the long stems and fine keeping qualities make this a wonderful cut flower. Early and free flowering. Blooms 3½". Bush 3 feet. Rather close to Semi-Cactus form. Each \$1.25.

**FAITHFUL**—10". One of the best and largest white semi-cactus grown. Bush is sturdy with glossy green foliage. Blooms are always full centered. Each 85c.

**FIGARO**—Yellow, penciled red, very unusual and showy. Each 75c.

**JANE LAUSCHE**—Rosy mauve, outer one-third of each petal white. Winner of many awards as largest and most perfect blooms. 12" flowers. Each \$1.25.

**KATHERINE LUXFORD**—Flowers on good stems; medium sized blooms of apricot. Each 50c.

**LOUISE**—Large blooms of pale pink with white centers. Each 65c.

**MAGNIFICENT**—Blend of light orange and orange chrome, general effect of golden orange. Mid-season bloomer and strong grower. Each \$1.50.

**MARK HEIDE**—Large pastel pink, shading to soft yellow center. A fine cut flower. Each 50c.

**MISS GLORY**—Large, distinctive flowers of apricot yellow; good stems. Each 75c.

**MISS LIBERTY** (Gill)—A giant on strong, erect stems. Large blooms of bright pink with yellow center. Each 75c.

**PAUL PFITZER**—Large blooms of delicate rose with white at the center. Each 50c.

**SHEIK**—5". Perfect blooms of rich lavender with white center florets, low grower. Each 75c.

## Miscellaneous Dahlias

**CERISE STAR**—Cerise rose. Free blooming on long, erect stems. Each 35c.

**CROI DE SUD** (Anemone Type)—Brilliant red with yellow anemone center. Each 60c.

**DREANA DARLENE** (Orchid type)—Old gold with tomato red on reverse of petals. Each 65c.

**JACK BE GAY** (Single)—A dark rich red with ruby bronze center and one that does not sunfade. The foliage lacy and decorative. Blooms 2". Bush 5 feet. Each 75c.

**MOTHER O'MINE** (Single)—Very large white flowers on fine stems. Each 35c.

**PAT DELSMAN** (Orchid)—The silvery surface of the tightly involute petals show only in a halo around the disc ray. The reverse of the staghorn petals is a beautiful shade of naphthalene purple with a rosy cast. Blooms 3½". Bush 4 feet. Each 75c.

**PEARL R.** (Orchid)—Pure, pearly white. A charming little flower for set arrangements. Flowers lift high above compact bushes. Smallest of the orchid type. Blooms 3". Bush 2 feet. Each 75c.

**RED COLTNES GEM** (Coltness Type)—Dwarf, free flowering plants. Small flowers of bright red. Ideal for bedding. Each 35c.

**SALOME** (Single)—Large, bright yellow on long, erect stems. Each 35c.

**SKIPPER** (Collarette)—Silver white, splashed rose pink and lavender. Extra long stems and ideal cut flower. Each 75c.

**SWALLOW** (Collarette)—White flowers on long, erect stems. Each 35c.

**VIVIAN** (Orchid)—A dark poinsettia red of one shade throughout. A pretty and graceful little flower on very long stems. Blooms 3½". Bush 4 feet. Each 75c.

**WHITE STAR** (Star type)—White with orange pollen center. Long erect stems, fine for cutting. Each 40c.

## Formal Decorative Dahlias

This type has large double flowers, full to the centers. Broad, flat petals with broad points or rounded tips. They usually have long stems and bloom freely.

**ALICE HUME**—10" blooms in soft buff shades. Each 60c.

**AVALON**—Primrose to canary yellow. Fine cut flower on long stem. Each 50c.

**BALLEGO'S GLORY**—Large blooms of mahogany red, each petal edged with gold. Each 75c.

**BLUE RIVER**—Large lavender with blue sheen. Each 50c.

**BOBBY DEAN**—Peach colored Jersey Beauty and a fine cut flower. Each 75c.

**CAVALCADE**—Exquisite flowers of rosy mulberry, with a golden sheen. The numerous petals are narrow and pointed, the center tight. The blooms face out and slightly upwards on long, straight stems. Foliage stiff and heavy. Blooms 8". Each 50c.

**CAMEO**—Very large flowers of coral rose toned with gold. Rose colored reverse of petals. Each 50c.

**CHAS. L. MASTICK**—Bright orange yellow with pink on reverse. Fine for cutting. Each 50c.

**CLAIRE FLEETWOOD**—Huge flowers of Australian soft pink. Each 50c.

**CLARA CARDER**—Immense rose pink blooms on long, strong stems. Each 50c.

**CROYDON'S LILAC**—Large, solid lavender. Very good. Each 60c.

**DAD SMITH**—Flaming imperial yellow and scarlet, excellent cut flowers. 7" blooms, winner of many awards. Each 85c.

**D'ARCY SAINSBURY**—Giant white flowers on good, strong stems. Each 60c.

**DEEP VELVET**—Shades from the deepest red to the center that is velvet black, bush of medium height, 10" blooms; one of the best. Each \$1.50.

**ELEANOR FRANCIS**—Brick red; large blooms on long, strong stems. Each 50c.

**FIVE STAR GENERAL**—Mixed shades of pink with maize yellow. Free bloomer on medium bush. 10" blooms. 1946 introduction. Each \$1.25.

**FRANCIS LAROCCHIO**—Blended flower of pure yellow, medium size. Each 50c.

**JEAN HAHN**—10" pure gold with no blendings. Medium bush. Each 50c.

**JESSIE GORDON**—8" blooms; light peach with orange blend. Each 50c.

**KATHERINE COWAN**—When the buds first open, the florets are a bright wine color. As the florets mature and flatten out, the winey shade verges into several delicate hair lines that vein each Imperial yellow petal. Ideal for cutting and garden. A good keeping flower and excellent for massings. Blooms 7". Each \$1.00.

**KENTUCKY**—Sport of Jersey Beauty, bronze pink, good stems. Each 50c.

**KENTUCKY COLONEL**—A rich rosy violet blending into silvery blue violet at the tight center. A beautiful flower with long, narrow petals that twist at the pointed tips. 7". Each 50c.

**LOIS WALSCHER**—Rich purple, tipped white. Showy dwarf plants. Each 65c.

**MARJORIE COLE**—Splendid bi-color, large orange yellow, tipped white. Each 50c.

**MISS PUGET**—Very free flowering; medium size blooms of pure buff. Each 50c.

**MRS. GEO. L. BOUTILLIER**—Immense, often one foot in diameter. Rich velvety carmine on erect stems. Each 35c.

**MRS. WM. KNUDSEN**—Pearly white on long stems, 8" blooms, the perfect cut flower. Each 50c.

**MONARCH OF THE EAST**—Giants of deep golden bronze; often 14 inches across. Each 75c.

**PANTATA**—Brilliant copper tone with a light tango showing in the reverse of twisted petals, long stemmed, with flowers facing up. 12". Each 75c.

**ROYAL PENNANT**—Vivid purple; strong erect stems. Each 60c.

## Formal Decorative Dahlias—Continued

**SALBACH'S WHITE**—Giant pearl white. Good stems. Each 50c.

**SELLWOOD GLORY**—8" blooms that are very distinctive. Color is rich purple suffusing to distinct white edging of each petal. Each \$3.00.

**SONJA**—Plum red, purple overlay. A beautiful 8" cut flower, holding its rich color through hot weather. Each 50c.

**SUZANNE DIMM**—The color is a warm buff with an orange tone which softens to a tan at the base of the petals. All the colors deepen at the center of the bloom. An especially fine cut flower. The large blooms 9", face out and up on very long stems. Each 50c.

**SYLVIA JOHNSON**—Compact sunshine yellow, petals round, overlaid like fish scales. 5" blooms, long, strong stems. Each 50c.

**THOS. EDISON**—Royal purple. Large flowers on excellent stems. Each 50c.

**TOWN TOPIC**—Large, pansy purple, often tipped white. Good stems. Each 65c.

**TROEF**—Bishop's violet, exceptionally free blooming, on extra good stems. Each 75c.

## Cactus Dahlias

The true Cactus type flowers are fully double, petals long, narrow, often incurved or twisted, with sharp, divided or fluted points.

**BALLAY ROUGE**—One of the very finest red cactus. Perfect blooms on long, erect stems. 8" blooms, bush 6'. Each \$1.25.

**BERGER'S MASTERPIECE**—Large smoky lavender pink on fine stems. Each \$1.00.

**COMTESSE**—Holland origination of soft pink, overlaid with slight tint of lavender, fine cut flower. 5" blooms. Each 75c.

**FAVORITA**—8", incurved, canary yellow, outer petals fold well back to the stem. Each 85c.

**GALA CALIFORNIA**—Scarlet orange, 8" blooms. Each 75c.

**GEMMA CLARA**—Lemon yellow, long stems, excellent cut flower. 6" blooms. Each 75c.

**GOV. HEIL**—Incurved cactus of delicate orange rose. A free bloomer. 10" blooms. Each 60c.

**GREATER GLORY**—Huge rose pink with white center. Outstanding. Each 75c.

**JERSEY DAINTY**—One of the best white cactus. Each 50c.

**MADAM JUSSANT**—Bishop's violet, of delicate composition and color. Excellent cut flower. 8" bloom. Each 75c.

**MARKET GLORY**—4" lilac rose. Medium growth. Each 50c.

**MARY TAYLOR**—8" taffy yellow suffused phlox pink. Open growth with ideal stems for cutting. Very striking in the garden. Each 75c.

**MICHIGAN RADIANCE**—Large; yellow overlaid with bronze. Each 75c.

**MISS SAN DIEGO**—One of the finest in the cactus type. Incurved petals in giant flowers, carried on strong, erect stems. Amaranth pink blending to yellow centers; laciniated petals. Each \$1.25.

**MRS. MINNIE RING**—Outer petals apple blossom pink, inner petals pale yellow, chrysanthemum shaped. 7" blooms. Each \$1.50.

**MRS. L. BREGGAZZI**—Delicate pink shading to lighter center with incurved petals. Each 75c.

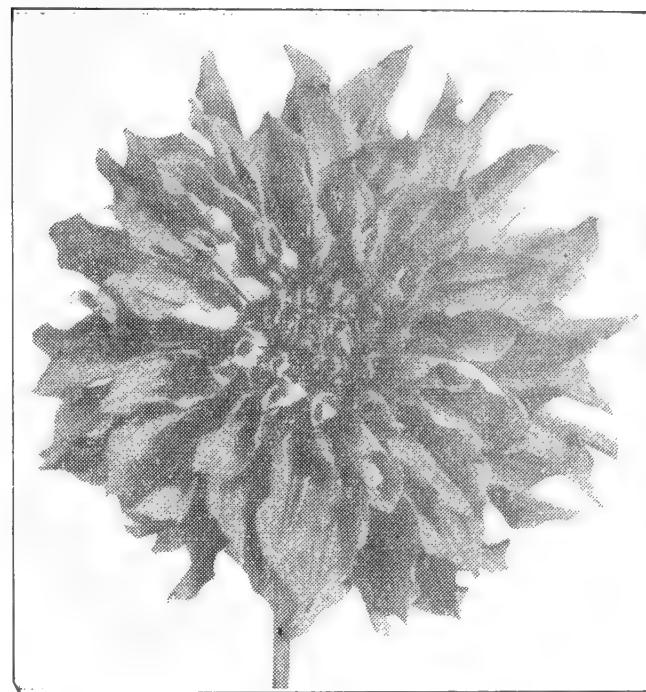
**MRS. E. J.**—Pastel pink, white center. Blooms full and deep. Excellent cutflower. Each 75c.

**MUSTANG**—Australian novelty, a leader in pink cactus. Heavy bloomer throughout season. Outstanding show type. 10" blooms. Each 85c.

**NAGEL'S ORANGE**—Rich clear orange. Tall grower, perfect 6" blooms early to frost. Each 50c.

**PYGMALION**—Peach tan with orange red to center. Long wire-like stems. 6" blooms. Each 75c.

**ROUGE BOUQUET**—Gorgeous pigeon blood red suffused with royal plum at tips and a tinge of orange at base of petals. 8" blooms, bush 6'. Each 50c.



Dahlia, Mrs. Geo. L. Boutiller—Page 58.  
Price 35c.

## CACTUS DAHLIAS—Continued

**SATAN**—Vivid scarlet with orange yellow at petal base. One of the largest true cactus type. 10" blooms, bush 5'. Each 85c.

**ST. THERESE**—Exceptionally fine cut flower. Florist favorite, 5" blooms, pink to white. Each 85c.

**TAIYO**—Medium sized flowers of maroon and white bicolor, good stems. Each 65c.

**THISTLEDOWN**—8" white, excellent garden flower, short stem, vigorous low bush. Each 60c.

**YELLOW SPIRAL**—8", deep yellow with artistically twisted petals. Blooms held facing well above the rich foliage. Medium bush. Each 75c.

## Miniature Dahlias

This type embraces miniature flowers that are represented in the form of many main classes. They generally have ideal stems for cutting as they show their faces upon good stems and keep well in bouquets. They are also very free flowering. These fascinating and dainty little dahlias are rapidly growing in favor as they are more adaptable to home decoration than the large flowered types and are not so formal as the pompons.

Abbreviations for this group. C—Cactus; SC—Semi-Cactus; F.D.—Formal Decorative; I.D.—Informal Decorative.

**AMERICAN BEAUTY ROSE (F.D.)**—A brilliant rose red. Each 40c.

**ANDREAS ORANGE (Cactus)**—4 to 5 inch blooms of rich orange. Each 50c.

**AXFORD BEAUTY (S.C.)**—Clear old rose, blooms full, on excellent stems. Each 50c.

**BABY FONTENEAU (I.D.)**—Delicate rose. Small; excellent cut flower. Each 65c.

**BABY ROYAL DUPLEX (S.C.)**—Salmon pink with gold shadings. Each 40c.

**BETTY BERNEY (F.D.)**—A brilliant scarlet, very compact, a free bloomer. Each 50c.

**BLACK DAVE (Min. Semi-Duplex)**—Hybrid of Black Cosmos and Zulu dahlia with foliage and stems of such very deep plum that they appear almost black. The foliage is lacy and fernlike. The bright velvety red petals form a striking flower about 2½" in diameter. Very free flowering. Each 75c.

**BISHOP OF LLANDOFF (Duplex)**—Deep red flowers with dark foliage. Very unusual. Each 40c.

**CORALETTE (F.D.)**—A splendid cut flower in a true coral. Each 50c.

**DOREEN CRANE (C.)**—The orange buff of the long spidery florets have a gold sheen. It attracts much attention and is free flowering. Each 60c.

## MINIATURE DAHLIAS—Continued

**HELEN S.**—This dazzling red has a brownish bronze center that does not fade. Dark green lacy foliage. Each 65c.

**HELLY BOUDEWIJN** (Waterlily type)—Satin white and very heavy producer of fine cut flowers. Each 60c.

**I.K.E.**—Ruby red miniature that rates as tops. Excellent cut flower. Each 60c.

**JUNE ST. CLAIR (F.D.)**—A lovely, exceptional shade of coral and buff. A very formal miniature dahlia with a tightly curled center and wonderful long stems. Free flowering. Blooms 3½". Each 75c.

**LITTLE DARLING (C.)**—Pale pink with white center. Each 40c.

**MARKET JEWELL** (Cactus)—Dainty rich, deep red and a favorite with florists. Each 65c.

**PINK GEM (S.C.)**—4" pastel pink, lace-like foliage. Ideal for floral arranging. Each 65c.

**PINK HELLY BOUDEWIJN** (Waterlily type)—4" lemon green with cream, overlaid with a delicate blush of pink. Excellent for floral makeup. Fine stems. Each 75c.

**QUEEN OF SMILES (F.D.)**—Rose shading to cream at edges. Each 50c.

**RARE (C.)**—Dusty old rose shade. Very unusual. Each 50c.

**RITA MARIE (I.D.)**—A splendid cut flower with shades of bronze. Each 50c.

**ROSEBUD (F.D.)**—Cream white, tipped wine, profuse blooming. Each 35c.

**ROSE GEM (F.D.)**—Rose pink, tinged lavender as the flowers age. Each 40c.

**SPRINGHILL ROSE (F. D.)**—American Beauty, rose color. Free flowering; good stems. Each 35c.

**THEROOSE** (Waterlily)—A lovely butter yellow waterlily with caramel to the center. Blooms profusely and is ideal for cutting. Each 65c.

**TIP (C.)**—Ideal for florists; primrose yellow. Each 50c.

**TOY (F.D.)**—Deep lavender pink. Each 35c.

**WHITE FAWN (F.D.)**—Pure snow-white, ideal for cutting. Each 50c.

**WINE DROP (F.D.)**—Wine with a purple cast. Fine for mass planting, excellent cut flower. Each 50c.

## Ball or Show Dahlias

This represents a very old type that is still popular; the petals are rather cupped, forming ball shaped flowers of good size. Free flowering, with good stems.

**A. D. LIVONI**—Clear rich pink; strong, erect stems. Each 50c.

**BIG BEN**—Rich raspberry red, one of the largest show type. Each 40c.

**BILLY BOY**—A fine red; good stems. Each 40c.

**BONNIE BLUE**—Dark lavender blue, perfect stems. Each 50c.

**LEAH PEARL**—Extra fine. Salmon with cream center. Each 50c.

**LILY BELLE**—3" delicate blush pink, excellent cut flower. Each 50c.

**MAH BABY**—Rich deep maroon to almost black. Each 40c.

**MRS. C. D. ANDERSON**—Deep rich purple blooms; good stems. Each 50c.

**ORCHID BALL**—Pastel orchid; good stems. Each 40c.

**QUEEN OF YELLOWS**—Bright canary yellow. Early, heavy bloomer, bush medium, 3" blooms. Each 40c.

**ROSE DAWN**—Yellow tipped red. Each 50c.

**SNOW QUEEN**—Superior white variety. Each 60c.

**TIPPY**—Yellow tipped with bronze. A splendid cut flower. Each 35c.

**WHITE LIVONI**—Pure white, long erect stems. Ideal cut flower. Each 40c.

## Pompon Dahlias

These are the babies in the dahlia world. Pretty, compact, ball shaped flowers are borne on long, stiff stems holding the blooms upright and making a most wonderful display of color in garden. They are very fine for house decoration and flowers will hold up a long time in water without boiling or burning the stems. No garden should be without Pompons. They are different and dainty.

**ALBRIGHT**—Small flowers of gold flushed with red shades. Good cut flower. Each 40c.

**ALICE**—A small, very vivid red. Each 35c.

**ALLEN H.**—Lilac pink or mauve shade, distinctive. Each 40c.

**AMBER QUEEN**—Amber suffused with apricot. Good stems. Each 40c.

**ARTHUR KERLEY**—Deep rich red. Excellent cut flower. Each 40c.

**BANTAM**—Bright scarlet, fine stems. Each 40c.

**BETTY ANN**—Small, clear pink on ideal stems. Each 40c.

**BRITAIN'S DELIGHT**—Soft bronze to peach blend. Blooms very full on good stems. Each 50c.

**CLEO**—Large, blended orange with deeper shades. Each 40c.

**CONNIE PATTERSON**—Pure white with a delicate honey colored cast at the base of the petals, free flowering. Each 50c.

**CORAL GLOW**—Several tones of bright coral pink. Each 40c.

**CORA MAY**—Salmon pink, cream shading. Fine stem. Each 40c.

**CORNELIA**—White tinted flesh pink. Each 40c.

**DORIA**—Deep smoky crimson maroon on long, upright stems. Each 40c.

**ELIZABETH ANN**—Medium coral. Each 35c.

**GEO. IRELAND**—Perfect, small mauve flowers on fine stem. Each 40c.

**GERTRUDE**—Fine medium red for cutting. Each 40c.

**HELEN ANITA**—Orchid with white center. Each 50c.

**IOLANTHA**—Quite large; bright orange on good stems. Each 40c.

**JOE FETTE**—Small, perfect white flowers. One of the best for cutting. Each 40c.

**LIBBY ROHR**—Free flowering, cerise purple. Each 35c.

**LITTLE DAVID**—Small perfect blooms of deep orange. Each 40c.

**LITTLE SNOW WHITE**—Fairly large, snow white. Each 40c.

**LITTLE SUNSHINE**—Small buff flowers; good stems. Each 35c.

**MARY MUNNS**—Fuchsia to deep orchid; small. Each 40c.

**MORNING MIST**—White flushed lavender. Each 40c.

**PATRICIA K.**—Light pink. Each 40c.

**PEGGY ANN**—Yellow, red tip. Each 40c.

**PINK GLOW**—Deep rose pink. Each 35c.

**ROSALIE**—White with cream center. Each 50c.

**SHERRY**—Brilliant wine purple. Very fine. Each 40c.

**TAAKAS PURPLE**—A fine purple. Each 40c.

**TAAKAS YELLOW**—A good yellow. Each 40c.

**YELLOW GEM**—Pure yellow. Small. Each 40c.



## Rubber Knee Pads

for weeding, planting or working in the garden. They find a ready sale, indicating general satisfaction.

Price: \$2.50 per pair.  
Postpaid to 4th Zone.

# FERTILIZERS

## Commercial Fertilizers

WRITE FOR PRICES, STATING QUANTITY.

**NOTICE**—Readjustment in changing prices prevent us from quoting prices here. Please write us for prices, stating quantities desired. All prices are FOB our shipping point and purchaser must pay transportation charges. The analysis is listed by numbers: the first number is nitrogen, the second phosphate, the third potash. **We do not ship fertilizers C.O.D.** Ask for our current price list.

## Organic Fertilizers

**RAW BONE MEAL**—A rather slow acting fertilizer used for many purposes, especially fruit, shrubs and bulbs. Approximately 4-23-0.

**COTTON SEED MEAL**—A valuable organic fertilizer which many growers use in place of fish. Important for acid loving plants and shrubs.

**SHEEP GUANO**—Usually runs around 2-1-2. Dry ground sheep manure in sacks. High in humus, and fine for general purposes.

## Fertilizers in Mixtures

Write for prices, stating quantities. Order by analysis numbers listed below.

We can generally supply commercial mixtures with the following analysis:

9-4-6	6-10-4	5-10-10
5-6-8	3-10-20	3-10-10

## Mineral Fertilizers

Write for prices, stating quantities.

**POTASH, MURIATE**—Produces color, substance and flavor. 50 to 60% potash.

**POTASH, SULPHATE**—Also valuable for color, substance and flavor. 50%.

**SUPERPHOSPHATE**—We offer 18% grade.

**NITRATE OF SODA**—14 to 16 nitrogen. Being soluble in water it is valuable for winter and early spring fertilizing on any crop where quick leaf growth is important.

**SULPHATE OF AMMONIA**—This runs very high in nitrogen. Similar use to that of Nitrate of Soda.

**AMMONIUM NITRATE**—Approximately 34% nitrogen.

**AMMONIUM PHOSPHATE**—About 11% nitrogen, 48% phosphate also 16-20.

## Other Items

**LAND PLASTER OR GYPSUM**—This contains sulphur in available form and is valuable for legumes and general crops.

**LIME, HYDRATED**—Especially valuable for extremely acid soils.

## Vigoro Fertilizer

**VIGORO**—It is the ideal plant food for lawns, flowers, gardens, shrubbery and trees. It is easy to apply; results are quick and certain.

Clean, dustless, weedless, and odorless, Vigoro is not to be compared with any other plant food you have ever known. It isn't at all costly. Write for prices. Offered in weighed packages as follows: 1-5-10-25-50-100 lbs.

# GARDEN SUPPLIES

Extra postage required on Canadian Orders and beyond 4th Zone.

(Due to present war conditions, it is necessary for us to quote the miscellaneous items subject to market changes.)

## Ortho Products

**BOTANO DELUXE**—The finest multipurpose dust on the market—contains approved lindane.

1. Is fine on foliage and kills a wide variety of sucking and chewing insects; also controls Powdery Mildew, Black Spot and Rust.

2. **Soil Insects:** Controls wireworm, seed-corn maggot, Diabrotica Larvae, strawberry root weevils.

3. **Earwigs**—BOTANO deluxe acts as a contact poison—two or three treatments a season will usually suffice.

4. **Lawn Moth (sod webworm)**—Dust 1 lb. per 1000 sq. ft. and soak into lawn. Use 2 or 3 such treatments per season.

**Postpaid, 8-oz. Duster, \$1.10; 1-lb. Refill \$1.20; 2-lb. Refill, \$2.05; 5-lb. Refill, \$4.25.**

**ORTHO LAWN GROOM**—the newest thing in scientific lawn treatment; it does three big jobs in one application. Feeds the lawn, kills the weeds, controls insects. 5 lbs. covers 1000 sq. ft. of lawn. About 3 treatments per year will give you a velvety green lawn, free of weeds and harmful soil insects. **Postpaid, 5 lbs. \$2.00; 10 lbs. \$3.35; 25 lb. Bag, \$6.90.**

**ISOTEX GARDEN SPRAY**—Economical, modern multi-purpose spray containing the sensational new lindane insecticide. Effective general foliage spray against Aphis, Thrips, Beetles. Protects Roses, Camellias, and other flowers and shrubs against many chewing and sucking insects. Controls wireworms and other soil pests. Also kills Earwigs, Lawn Moth (Sod Webworm), Flies. Has extremely broad usage. **Postpaid, 2 oz. 65c; 8 oz. \$1.90; Pints \$3.15.**

**ORTHORIX SPRAY**—Astounding new fungicide for year round use. Controls mildews, rose mildew, Peach Leaf Curl, San Jose scale and many other plant pests. For both foliage and dormant spraying of flowers, fruits, ornamentals and berries. Also for soil treatment. **Postpaid, Pints 95c; Quarts, \$1.55; Gals., ask for prices.**

**BUG-GETA PELLETS**—Highly compressed pellets, handy to use. A pound will bait about 1200 sq. ft. **Postpaid, 12 oz. 50c; 2 lbs. 95c; 5 lbs. \$1.95; 25 lbs. \$7.35.**

**TRIOX** (An Arsenical Weed Killer). For use on driveways, paths, etc. Prevents plant growth for 1 to 2 years. **Postpaid, 1 qt. \$1.30; Gals.—Ask.**

**SCRAM**—Dog Repellant. **Postpaid, 8 oz. 65c.**

**VOLCK OIL SPRAY**—For general garden use against scale insects, red spider, mites, etc. **Postpaid, 4 oz. 40c; Pint, 90c; 31 oz. \$1.50; Gals.—Ask.**

**ORTHO SPRAY SETS**—Contains 4 oz. Orthorix Spray and 4 oz. Isotox. Suitable for roses, flowers and vegetables. **Postpaid, \$1.50 Each.**

**WEED-B-GON**—2.4.D. **Postpaid, Pints \$1.70.**

**ORTHO ANT & MOTH SPRAY**—2½% Chlordane. **Postpaid, Pint, 65c; Quart, \$1.05.**

**ORTHOCLIDE SOIL FUMIGANT**—Contains the remarkable new Lindane. For use against cabbage maggot, onion maggot, centipedes. **Postpaid, 4 oz. 55c; Pint, \$1.70.**

**ORTHO-GRO LIQ. FISH**—Will not burn. An organic liquid fish fertilizer. **Postpaid, Pint \$1.15; Quart, \$1.80. Gals.—Ask.**

**ORTHO ROSE DUST**—**Postpaid, 8 oz. Duster, \$1.15; 1 lb. Refill, \$1.40.**

## ORTHO SPRAY CALENDARS

If you want information on spraying or dusting, write for the Ortho Spray Calendar and we will mail it to you.

## GARDEN SUPPLIES—Continued

### Twist - Ems

Help you to support plants **QUICKLY, NEATLY, PERMANENTLY**. Say "goodbye" to unsightly twine and raffia, to needless work with shears.

**TWIST-EMS**—Strong, dark-green invisible tapes with wire reinforcement—protects stems, permanently supports annuals, perennials, vines, shrubs and vegetables. We can supply several sizes in large quantities. Please write stating size and quantity. **Box of 100, 8-inch size, 30c. Postpaid.**

### Wood Plant Bands

**2½x2½x3". Knocked down. Postpaid to 4th zone only. Extra beyond. 100 for \$1.00; 500 for \$2.50; 1000 for \$4.50.** Write for quantity prices. We can also furnish stitched bands and other sizes.

### Painted Nursery Labels

**3½" Wired Nurs. Labels**  
50 for 40c Postpaid  
100 for 65c Postpaid  
500 for \$2.00 Not Prepaid  
(Wgt. 3 lbs.)  
1000 for \$8.50 Not Prepaid  
(Wgt. 6 lbs.)

**5" Pot Labels**  
50 for 30c Postpaid  
100 for 50c Postpaid  
500 for \$1.90 Not Prepaid  
(Wgt. 3 lbs.)  
1000 for \$3.25 Not Prepaid  
(Wgt. 5 lbs.)

**4" Pot Labels**  
50 for 30c Postpaid  
100 for 50c Postpaid  
500 for \$1.75 Not Prepaid  
(Wgt. 2 lbs.)  
1000 for \$3.00 Not Prepaid  
(Wgt. 4 lbs.)

**6" Pot Labels**  
50 for 35c Postpaid  
100 for 55c Postpaid  
500 for \$2.25 Not Prepaid  
(Wgt. 3 lbs.)  
1000 for \$3.75 Not Prepaid  
(Wgt. 6 lbs.)

### Tarred Plant Protectors

(NON-POISONOUS)

Protection from Root Maggots on Cabbage, Cauliflower, Broccoli, Brussels Sprouts, etc. Apply when setting out plants. Rains or cultivation do not destroy its effectiveness. Protection lasts until plant maturity. Prices as follows, postpaid. Package of 24 for 15c; 72 for 50c; 500 for \$1.80; 1000 for \$3.00. Write for prices on larger quantities.



### Waterproof Marking Pencils

POSTPAID. 20c each; 6 for \$1.00.

### Flowerite

A sterile growing medium used for seedling germination, propagation of cuttings, soil improvement, transplanting, potted plants, mulching, etc.

1 Cu. Ft. (Wgt. 12 lbs.) \$1.00—Postage Extra  
2 Bu. (28 lbs., about 2½ cu. ft.) \$1.60—Postage Extra  
3 Cu. Ft. (Wgt. 36 lbs.) \$1.80—Not Prepaid  
4 Cu. Ft. (Wgt. 48 lbs.) \$2.25—Not Prepaid

1 Cu. Ft. and 2 Bu. sizes can be sent by parcel post, but the 3 Cu. Ft. and 4 Cu. Ft. must be sent by truck, rail freight or express, as the packages are too large for mailing. Flowerite is very light in weight.

### Force's Mole Killer

Pellets to be placed in the runways. 85-pellet size, 65c; 185 pellet size, \$1.10. A poison, so be careful about children.

### Crotox

Insures seed against attacks of birds and rodents. One pint treats two bushels of seed. Postpaid to 4th zone: ½ pint, 95c; pint, \$1.50. Extra postage beyond.

Buy a **MERCHANDISE CERTIFICATE** from us for use as a Gift.

Inoculate all Legume Seeds with

# NITRAGIN

1898—FIFTY-THREE YEARS OF SERVICE—1951

When ordering, Always state name of seed

### COMBINATION (AB) SOYBEANS (S)

Size	Retail	Size	Retail
1 bu. ea. ....	\$ .50	2 bu. each.....	\$ .35
2 bu. ea. ....	.90	5 bu. each.....	.55
		25 bu. each.....	2.50
		(One can)	

### ALFALFA (A)

Swt., Bur. Hubam Clovers  
1 bu. each .... \$ .50

### CLOVERS (B)

Red, Alsike, Crimson,  
White and Ladino.  
1 bu. each .... \$ .50

### LESPEDEZA (L)

100 lb. size (Inoculates  
up to 100 lbs.) .. \$ .50

### PEAS, (C)

### VETCHES (All Varieties)

100 lb. size (Inoculates  
up to 100 lbs.) ea. \$ .50

### BEANS (D)

Navy, Pinto, Wax,  
String, Kidney and  
Great Northern

1 bu. ea. .... \$ .50

### PEANUTS,

### COW PEAS (E)

2 bu. each..... \$ .35  
5 bu. each..... .55

**GARDEN SIZE**—Peas, Beans, Sweet Peas, Lupines, Lima Beans and Edible Soybeans

Enough for 8 lbs. seed — Retail Price 15c each

### Fogg-It Garden Hose Nozzle

Perfect for spraying young and tender plants such as Fuchsias, Begonias, etc., without injury to them. A **MUST** for use in lath and greenhouses. Postpaid. \$2.05.

### Hayes Jr. Sprayer

For the average size garden. The Hayes Jr. Sprayer fits on the end of a garden hose and operates on a water pressure from 30 to 175 lbs. Makes up to 3 gallons of spray material at a time, sprays liquids and all wettable powders up, down or sideways. Light and easy to use. No moving parts to wear out or break. Postpaid. \$7.30 each. Extra postage beyond 4th Zone.

### Garden Tractors

Agents for **KULTOR-KING GARDEN TRACTORS** and attachments. Write us for prices.



Does not wear off. Rust and weather proof. Package of 24 labels for 30c. Postpaid.

### Sphagnum Moss

Has many uses such as germinating seeds, building up soil mediums, and its value is based on the high absorbent and water holding capacity, due to its sponge-like texture. It is claimed that no "damping-off" occurs when using this medium. Price, postpaid: Dry material, 75c per lb.

### Bulb Protect

For use on Tulips, Daffodils and other fall bulbs, also Gladiolus, Crocus and other varieties of corms. Protects them from many diseases and makes them distasteful to rats, mice and moles. Postpaid. ¾ oz. Pkts. 30c.

## Zehrung 2, 4, 5-T Blackberry Vine Killer

Pint size will treat 800 sq. ft. Postpaid: Pints, \$2.20; quarts, \$4.00. Extra postage beyond 4th zone.

**ZEHRUNG IPC GRASS KILLER**—For the control of perennial grasses, such as Quack, Johnson and Bermuda grasses. Postpaid: Pints, \$1.70; Quarts \$3.00.

**ZEHRUNG WEED BLITZ**—Designed for controlling Japanese Clover and other lawn weeds. Superior to 2.4-D. Postpaid: 8 oz. \$1.15; Pints, \$1.70; Quarts, \$3.00.

## Tobacco Sprays

**BLACK LEAF "40"** and other tobacco sprays in liquid form; also in tobacco dust. These are still quite scarce. Write for prices.

**BLACK LEAF "40"**—Postpaid: 1 oz. 40c; 5 oz. \$1.15; 1 lb. \$2.65; 2 lbs. \$4.40.

## Soil Thermometers

For testing soils. Postpaid: \$1.90.

## Garden Gloves

**WASHABLE LEATHER GLOVES**—Stay soft after washing. Ladies' sizes, 7, 7½ and 8. Postpaid: \$1.65. Men's sizes, 9, 9½ and 10. Postpaid: \$2.00.

**LADIES' GARDEN SWAGGERETTE GLOVES**—Rubberized with flannel lining. Sizes: small, medium, and large. Postpaid: \$1.15.

## Gat Sprayers

For spraying Sulphate of Ammonia, Nitrate of Soda, and Flo Morcrop. Attaches to garden hose and fits any standard size fruit jar. Postpaid: \$1.85.

## Pea Twine

Useful for many garden purposes. Write for prices. Postpaid, per ball (about 3 ozs.), 20c.

## Corn Planters

No. 306—Postpaid to 4th zone: \$4.55. Extra postage beyond.

### GRO-QUICK ELECTRIC SEED BED HEATER

SEED UP IN 30 HOURS

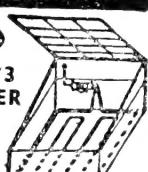
ROOT CUTTINGS IN 6 DAYS

CUT GERMINATION TIME BY 2/3

TRANSPLANT 2 WEEKS SOONER

Above user reports show what GRO-QUICK HEATING CABLE will do. For hotbeds, cold frames.

J40A	40' cable & thermo. for 1 sash	\$ 6.75
S80A	for double sash bed (36 sq. ft.)	9.00
J40	40' 200 watt cable only.....	2.25
S80	80' 400 watt cable only.....	4.50
AT	Air Thermostat — 1000 watts	4.50
BT	Bulb Thermostat — 3500 watts	15.00



### NO FROZEN PIPES

#### GRO-QUICK Electric HEATING CABLE

Prevent freezing at sub-zero. A permanent solution. One cable wrap per ft. of pipe or bury with pipe. Any one can install. Uses but little house current. Order shortest cable possible for your length of pipe — prepaid.

A6	15 w. for 1 to 3 ft. pipe	\$1.00
B12	30 w. for 3 to 6 ft. pipe	\$1.80
M26	60 w. for 6 to 12 ft. pipe	\$2.80
J56	140 w. for 12 to 25 ft. pipe	\$3.00
S112	280 w. for 25 to 50 ft. pipe	\$6.00
FAT	35° thermostat with pilot lt.	\$4.50
	Wrap-on Insulation per 12' of pipe	\$1.00

# HYPONEX

Grows Better Plants Faster  
In SOIL, SAND or WATER

Simply dissolve and water all your houseplants, garden flowers, vegetables, shrubs or lawn. Produces stronger plants, more and larger flowers and fruit. Excellent for starting seedlings, cuttings, transplants. Clean, odorless. Won't burn foliage or roots if used as directed. Contains all nutritional elements complete and balanced—plus vitamin B1—Instantly available. Results sure.

**PRICES POSTPAID:** 1 oz. 10c; 3 oz. 25c; 7 oz. 65c; 1 lb. \$1.20.

## Semesan

Prices POSTPAID to Fourth Zone Only.

**SEMESAN**—A general disinfectant for vegetable and flower seeds or bulbs, and certain plant diseases. Postpaid. 1/3 oz. 20c; 2 oz. can 65c; 12 oz. can \$2.55.

**SEMESAN BEL**—A dip disinfectant for seed potatoes. Postpaid, 2 oz. pkt. 55c; 1 lb. can \$2.20; 4 lb. can \$6.60.

**SEMESAN JR.**—A dust disinfectant for seed corn. Postpaid, 12 oz. 77c.

**NEW IMPROVED CERESAN**—A low cost dust disinfectant for wheat, oats and barley. Postpaid. 4 oz. can 50c; 1 lb. can \$1.30; 4 lb. can \$4.15. Write for further description, directions for use and prices on quantities. It is not expensive.

## Sperton

Valuable disinfectant which is rated as non-poisonous and especially valuable for peas and beans. It is recommended where Nitragin is used, as it does not injure the germ. **Dry Dust**. Postpaid. 1 oz. 25c; 5 oz. \$1.05; 1 lb. \$2.40. **Wettable Powder**, 4 oz. 55c; 1 lb. \$1.40.

## TRAIN-ETTS

**Weatherized Trellis Netting**. Ideal support for Sweet Peas, Garden Peas, Pole Beans, etc. Hung with ease in 5 minutes; no fuss or bother. Use instead of string or wire. (Wire in sun, burns delicate tendrils.) Doesn't rot like string—lasts several seasons. In 3 sizes: No. 1, 60x72 in., 65c; No. 2, 60x96 in., 85c; No. 3, 60x180 in., \$1.25. Postpaid.

## Dusting Sulphur

We can supply, for dusting or agricultural sulphur for fertilizer applications. Write for prices, giving quantities needed. Dusting Sulphur, 22 oz. 55c; 5 lbs. \$1.30. Extra postage beyond 4th Zone.

## Grafting Wax

Postpaid: 1/4 lb. 35c; 1/2 lb. 75c; 1 lb. \$1.35.

## Treeheal

Unsurpassed for treating wounds, scratches, defects on fruit and shade trees. Also used after pruning. Postpaid: 15 oz. 55c; quart 85c. Extra postage beyond 4th zone.

## Miller's Garden Calomag

Prices POSTPAID to Fourth Zone Only.

For maggot control. One teaspoonful on top of ground at base of each plant when transplanted will control maggots for the whole season. Can also be sprinkled along the rows of seedlings of vegetables when plants first appear. Postpaid. 20 oz. 95c; 5 lbs. \$3.10.

## Use Our "Easy to Subscribe" Magazine Service

As a special service to our customers, we have enclosed an order blank in this catalog to make it easy for you to order Magazines—the Farm Journal and Farmer's Wife, Pathfinder, American Poultry Journal, and a Special Club Offer of Farm Journal and Farmer's Wife, American Poultry Journal, American Fruit Grower and Breeder's Gazette.

The coupon will save you time, trouble and expense, and assure you of safe, prompt service. Merely check the magazines you want and mail coupon together with check, money order, or cash, covering the subscription prices of the magazines you order for yourself, your family and friends.

## FOR CONTROL OF ANTS TERMITES



SLUGS, WIRE WORMS  
ROOT MAGGOTS  
FLEA BEETLE LARVAE  
CARROT WORM  
TENT CATERPILLARS  
STRAWBERRY ROOT  
WEEVIL  
SAPROPHYTIC  
NEMATODE

And Certain Other Insects  
A complete liquid spray

—Mix with water according to directions for flowers, vegetables, trees, shrubs and lawn. Directions with each order.

Mailed prepaid  $\frac{1}{2}$  pt. \$1.20; pt. \$1.75; qt. \$2.85; gal. \$6.45; 5-gal. \$25.00 Express Collect. One gallon of CARCO-X makes up to 200 gallons of spray. Non-poisonous.

### Rootone

"THE HORMONE POWDER"

Prices POSTPAID to Fourth Zone Only.

Postpaid.  $\frac{1}{4}$  oz. pkt. 25c; 2 oz. jar \$1.00; 1 lb. can \$5.20. No solutions, no measuring, just dust and plant. The 2 oz. jar treats up to 3000 cuttings.

### Transplantone

HORMONE POWDER—Stimulates the roots of plants, shrubs and trees. Postpaid.  $\frac{1}{2}$  oz. pkt. 25c; 3 oz. can \$1.05.

### Fruitone

HORMONE SPRAY—Aids in setting fruit. For stopping premature drop of fruits, flowers and leaves. Postpaid. 2/5 oz. 25c; 2 oz. \$1.05.

### Thompson's Fix Tablets

FOR TOMATOES—Aids in setting fruit and makes them practically seedless. 1 tablet to 1 qt. of water for spray. 1 bottle (20 tablets), 25c.

### Miller's Garden Booster

For house plants, flower boxes, roses and shrubs. Stimulates quick rooting and rapid growth. It supplements organic humus compost, rounding out complete plant feeding program. Dilute powder with water. Postpaid. 4 oz. 30c; 1 lb. 65c; 2 lbs. 95c; 5 lbs. \$1.80.

### Mole Traps

VICTOR MOLE TRAPS—Postpaid to 4th zone: \$2.25 each. Extra postage beyond 4th Zone.

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### Corsage Kits

Contains ribbon, tape, wire pins and leaves, sufficient for a number of corsages. Postpaid: \$1.95.

### Small Hand Tools

Aluminum Trowel No. 201, \$1.05 Postpaid. Cultivator No. 205, \$1.05, postpaid.

### Garden Books

Garden Flowers in Colors, by Daniel J. Foley. Postpaid: \$3.00.  
Sunset—Visual Garden Manual. Postpaid: \$1.65.  
Sunset—Flower Garden Book. Postpaid: \$2.15.  
Sunset—Vegetable Garden Book. Postpaid: \$1.15.  
National Grange History—See Page 53.

### Spergon Gladiolus Dust

A mixture of Spergon and DDT. To control thrip and corm decay on Gladioius. This should be dusted on the dry bulbs for storage or before planting. It may also be used on Tulips, Narcissus and Iris. Postpaid. 2 oz. 25c; 1 lb. \$1.65.

### Miller's Garden Compost Maker

Prices POSTPAID to Fourth Zone Only.  
Converts weeds, leaves and garden rubbish into valuable organic humus fertilizer. Postpaid. 5 lbs. \$1.30; 25 lbs. \$5.10.

### Rotenone "100" Dust

Very successful for controlling insects that eat or suck on plants. Can be used up to harvest. We can also supply this in liquid form. For dust, Postpaid. 4 lbs. \$1.35. Extra postage beyond 4th zone. Write for prices on 50 lb. Bags.

# OUR BARGAIN COUNTER

We offer this page of real bargains with the idea of encouraging a trial of our various lines, and we assure you that these are not makeshift bargains to unload worthless stock, but are genuine offers of the same standard of goods with which we supply our regular trade. All of the goods offered are for prompt delivery, weather conditions being favorable. Dahlias will be sent in April. All prices are postpaid.

## Home Beautiful Sweet Peas

Twelve regular sized packets of Spencer Sweet Peas, our selection of named varieties, all different, worth \$1.20, sent postpaid for 75c. Six packets, postpaid for 40c. These will be chosen to give a good range of color. Do not order this collection based on your own selection.

## Home Vegetable Collection

Twenty-six regular sized packets, worth \$2.65, sent postpaid for \$1.50. Positively no changes permitted.

(Save \$1.15)

Regular Price

BEANS, Keystonian	.10
BEANS, Oregon Giant, Pole	.10
BEET, Detroit Dark Red	.10
GREEN BROCCOLI, Medium Calabrese	.10
BRUSSELS SPROUTS, Oregon Special	.10
CABBAGE, Oregon Ballhead (Late)	.10
CARROT, Nantes Special	.10
SWEET CORN, Early Golden Sweet	.10
SWEET CORN, Improved Golden Bantam	.10
CUCUMBER, Colorado	.10
CUCUMBER, Chicago Pickling (for pickling)	.10
LETTUCE, Tomhannock (Loose Leaf)	.10
LETTUCE, Early Great Lakes (Head Lettuce)	.15
MUSKMELON, Oregon Delicious	.10
WATERMELON, Black Seeded Ice Cream	.10
ONION, Utah Sweet Spanish	.10
PARSNIP, Success	.10
PEAS, Laxton's Progress (Dwarf Early)	.10
PEAS, Stratagem (Dwarf Late)	.10
RADISH, Early Scarlet Globe	.10
RADISH, White Icicle	.10
RUTABAGA, Golden Neckless	.10
SQUASH, Golden Delicious	.10
SQUASH, Zucchini (Summer)	.10
SPINACH, Giant Leaf	.10
TURNIP, Orange Jelly or Golden Ball	.10

\$2.65

## Cottage Dahlia Collection

A fine collection of named varieties, all labeled, which will provide a good range of color. Five varieties of our own selection, representing 3 or more classes of dahlias and worth \$2.50, for \$2.00 postpaid.

## Pompon Dahlia Collection

These dainty flowers are ideal for garden and cutting. We offer, subject to our own selection, properly labeled, 6 Pompon Dahlias with a regular value of \$2.25, for \$1.75, postpaid. Each variety different and in a good range of color.

## Miniature Dahlia Collection

This type is very popular for cutting and garden decoration. We offer 6 named varieties labeled, each a different color, which at regular prices have a value of \$2.50 or more, for \$1.75 postpaid. This offer is strictly our own selection.

## Marigold Collection

8 Packets Marigolds including many newer varieties, worth \$1.55, for \$1.00, Postpaid.

BUTTERBALL	.15
GIGANTEA SUNSET GIANTS	.10
MAMMOTH MUM	.25
MISSION GIANT YELLOWSTONE	.15
NAUGHTY MARIETTA	.25
REAL GOLD	.25
REDHEAD	.25
SUNKIST	.15

\$1.55

## Perennial Rock Garden Collection

We offer 10 packets of rock garden perennials, worth \$1.70, for \$1.30. Postpaid.

ALYSSUM, Saxatile Compactum, yellow	.15
ARMERIA, Formosa Hybrids, pink and rose shades	.15
AUBRIETIA, Large Flowering Hybrids, mixed	.15
CERASTIUM, Snow in Summer	.15
DIANTHUS, Double Dwarf, clove pink, mixed	.15
HELIANTHEMUM (Sun Rose) Mutabile, Mixed	.15
LINUM, Flavum, yellow	.15
PRIMROSE, Polyanthus, Mixed	.35
VIOLA, Cornuta, Mixed colors	.15
WALLFLOWER, Siberian, orange	.15

\$1.70

## Zinnia Collection

This is your chance to try several types in one collection. 9 pkts., worth \$1.25, for 90c. Postpaid.

CALIFORNIA GIANTS, Mixed	.15
ELEGANS PUMILA, Mixed	.10
FANTASY TYPE, Mixed	.15
GAILLARDIA FLOWERED, Mixed	.15
HAAGEANA DOUBLE HYERIDS	.15
LILLIPUT DOUBLE, Mixed	.10
LINEARIS	.15
MAMMOTH DAHLIA, Mixed	.15
SCABIOSA FLOWERED, Mixed	.15

\$1.25

## Perennial Flower Seed Collection

10 Regular Packets worth \$1.55 for \$1.10. Postpaid.

1 Pkt. Aquilegia. Short Spurred Purple	.20
1 Pkt. Canterbury Bells, Cup & Saucer Mixed	.10
1 Pkt. Geum, Mrs. Bradshaw	.25
1 Pkt. Gypsophila, Paniculata	.15
1 Pkt. Gaillardia, Dazzler	.15
1 Pkt. Hollyhock, Chaters, Double Mixed	.10
1 Pkt. Poppies, Iceland Mixed	.15
1 Pkt. Seabiosa, Caucasicia, House's Hybrids	.15
1 Pkt. Alyssum, Saxatile Compactum	.15
1 Pkt. Wallflower, Mammoth Double Mixed	.15

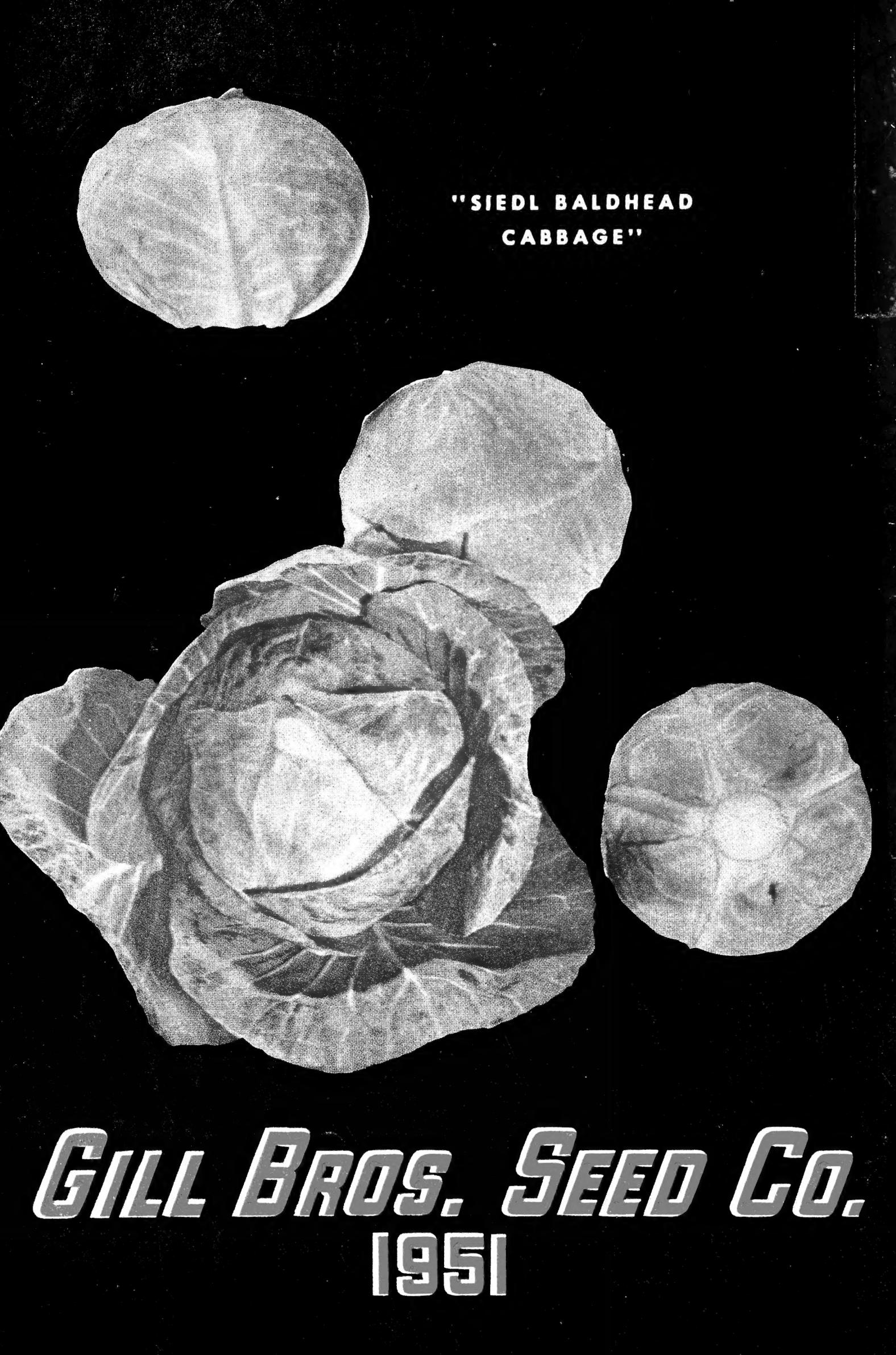
\$1.55

## Florist Gladiolus Offer

30 large size bulbs, 1 1/4 inches up, in a fine mixture, postpaid, for \$1.00. This mixture is made from named standard sorts and newer introductions unlabeled and comprises large flowering varieties, chosen so as to give a good range of color. Our own selection in mixture. These collections are put up in advance and cannot be divided to sell part of a collection. Postpaid, including 4th zone. Beyond 4th zone add 10c each collection.

## Glorious Gladiolus Offer

45 medium size bulbs, 1 to 1 1/4 inches in diameter, in splendid mixture, postpaid, for \$1.00. These will make fine blooms the first season. You will be surprised at the value you receive. This offer enables everyone to have a fine gladiolus garden. Splendid value. These collections are put up in advance and cannot be divided to sell part of a collection. Postpaid, including 4th zone. Beyond 4th zone add 10c each collection.



**"SIEDL BALDHEAD  
CABBAGE"**

***GILL BROS. SEED CO.***  
**1951**